Bourns® Magnetics - J.W. Miller Products

Product Selection Catalog

BOURNS®

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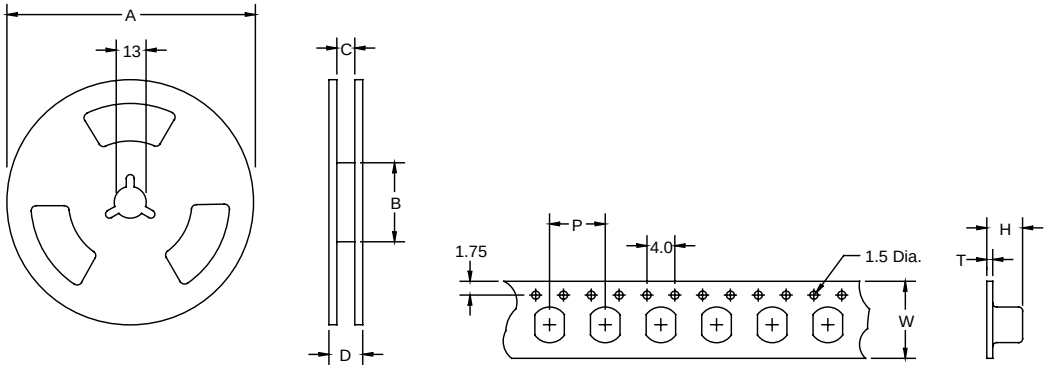
RoHS Notation: To order an RoHS compliant part, add -RC after part number.

Tape and Reel Specifications

Series Number	Dim. A	Dim. B	Dim. C	Dim. D	Dim. P	Dim. W	Dim. T	Dim. H	Reel Size	Parts/ Reel
Chip Beads and Arrays										
PMA	178	60	13.6	17.6	4	8	0.25	1.5	7″	3000
PMC0402	178	60	8	12	2	8	0.23	0.6	7″	10,000
PMC0603, PMH0603	178	60	8	12	4	8	0.23	1.1	7″	4000
PMC0805, PMH0805	178	60	8	12	4	8	0.23	1.2	7″	4000
PMC1206, PMH1206	178	60	8	12	4	8	0.23	1.2	7″	3000
PMC1806, PMH1806	178	60	12	14	4	12	0.3	1.9	7″	2000
PMC1812, PMH1812	178	60	12	14	8	12	0.3	1.8	7″	1000
PM2001	178	60	13.6	17.6	8	12	0.25	3.4	7″	1000
PM2002	178	60	13.7	17.6	8	12	0.25	3.4	7″	500
PM2003	178	60	13.7	17.6	8	16	0.25	3.4	7″	500
Chip Inductors										
PM0402	178	60	8	12	2	8	0.23	0.6	7″	10,000
PM0402C	178	75	8	13	2	8	0.1	0.7	7″	10,000
PM0402T	178	62	9	13	2	8	0.25	1	7″	10,000
PM0603	178	60	8	12	4	8	0.23	1.1	7″	3000
PM0603G, PM0603H	178	60	8	12	4	8	0.23	1.1	7″	4000
PM0603T	178	62	9	13	4	8	0.25	1.1	7″	5000
PM0805	178	75	8.4	12.5	4	8	0.25	1.5	7″	2000
PM00805G, PM0805H	178	60	8	12	4	8	0.23	1.2	7″	3000 / 4000
PM1008	178	75	8.4	12.5	4	8	0.25	2.3	7″	2000
PM1008M	178	62	9	13	4	8	0.25	2.3	7″	2000
PM1008S	178	75	12	17	8	12	0.3	2.5	7″	750
PM1210, PM1210H	178	60	10	12.5	4	8	0.3	2.5	7″	2000
PM1210G	178	60	9	13	4	8	0.22	1.6	7″	2500
PM1812, PM1812H	178	60	14	16.5	8	12	0.3	3.8	7″	500
PM1812G	178	60	13.5	17.5	8	12	0.24	1.9	7″	1000
PM20S	178	60	12	14	8	12	0.23	2.5	7″	2000
Power Inductors (Shielded)										
PM1038S	330	100	16.5	20.8	16	24	0.35	4.7	13″	800
PM104SH	328	80	25.5	29.5	16	24	0.4	4.3	13″	1000
PM105SB	328	80	24	28	12	24	0.5	6.9	13″	500
PM124SH	328	80	24.4	28.4	16	24	0.5	5.2	13″	500
PM12565S	330	75	24.5	28.5	16	24	0.35	7	13″	400
PM125S	328	80	24.4	28.4	16	24	0.5	6.9	13″	500
PM125SH	328	80	24.4	28.4	16	24	0.5	6.5	13″	500
PM12639S, PM12645S	330	100	24.5	28.5	16	24	0.3	5	13″	800
PM12651S	330	100	24.5	28.8	16	24	0.35	6.4	13″	800
PM127SH	330	80	24.4	28.4	16	24	0.5	8.4	13″	500
PM13560S, PM13656S	330	100	24.5	28.8	16	24	0.35	6.4	13″	500
PM13666S	330	100	24.5	28.8	16	24	0.4	7.6	13″	500
PM1608S	178	100	12.5	16.5	8	12	0.35	3	7″	750
PM3316S	330	100	24.5	28.5	12	24	0.35	5.6	13″	500
PM42S	178	60	13.5	17.5	8	12	0.4	2.7	7″	1000
PM428S	328	80	12.4	16.4	8	12	0.4	3.3	13″	2000
PM5022S	330	100	32.5	36.5	20	32	0.4	8.4	13″	250
PM518S	330	80	12.4	16.4	8	12	0.4	2.2	13″	2000
PM528S	330	80	16.4	20.4	8	16	0.4	3.4	13″	2000
PM628S	330	80	16.4	20.4	12	16	0.4	3.4	13″	1500
PM638S	330	80	16.4	20.4	12	16	0.4	4.4	13″	1000
PM63SB	328	80	12.4	16.4	8	12	0.4	4.3	13″	1500
PM7032S	330	75	16.5	20.5	12	16	0.35	3.6	13″	1000
PM7232S	330	100	16.5	20.5	12	16	0.3	3.8	13″	1500
PM73SH	330	75	16.4	20.4	12	16	0.4	3.6	13″	1000
PM74SB	328	80	17.5	21.5	12	16	0.5	6	13″	1000
PM74SH	330	75	16.4	20.4	12	16	0.4	4.5	13″	1000

Tape and Reel Specifications

Series Number	Dim. A	Dim. B	Dim. C	Dim. D	Dim. P	Dim. W	Dim. T	Dim. H	Reel Size	Parts/ Reel
Common Mode Chokes										
PM3700	330	100	44.5	48.5	28	44	0.4	11.8	13″	200
Common Mode Chip Inductors										
PM0805CM	178	60	9	13	4	8	0.22	1.3	7″	2000
PM1206CM	178	62	9	13	4	8	0.25	1.4	7″	2000
Inductors / Transformers										
PM3602	330	100	24.5	28.5	16	24	0.35	5.9	13″	700
PM3604	330	100	24.5	28.5	20	24	0.35	7.3	13″	400
Power Inductors (Unshielded)										
PM104	330	50	26	30.4	12	24	0.35	4.4	13″	800
PM105	328	80	24	28	12	24	0.5	6.9	13″	500
PM1355	330	100	24.5	27.5	12	24	0.45	6.1	13″	800
PM1608	178	100	12.5	16.5	8	12	0.35	3	7″	750
PM32	330	50	14	18.4	8	12	0.35	2.3	13″	3000
PM3308	330	100	24.5	28.5	12	24	0.35	3.8	13″	1000
PM3316, PM3316H	330	100	24.5	28.5	12	24	0.35	5.6	13″	500
PM3340	330	100	32.5	36.5	24	32	0.4	11.8	13″	225
PM43	328	80	12.4	16.4	8	12	0.4	4.4	13″	1500
PM5022, PM5022H	330	100	32.5	36.5	20	32	0.4	8.4	13″	250
PM52	330	50	14	18.4	8	12	0.35	3.0	13″	2000
PM54	328	80	12.4	16.4	8	12	0.4	6	13″	1500
PM73	330	50	18	22.4	12	16	0.35	3.9	13″	1000
PM75	328	80	17.5	21.5	12	16	0.5	6.5	13″	500
Multi - 6 Pack Inductors/Transformers										
PM600	330	100	24.5	28.5	20	24	0.35	6.5	13″	600
PM610	330	100	32.5	36.5	24	32	0.35	7.8	13″	300
PM620	330	100	44.5	48.5	28	44	0.35	8.3	13″	200



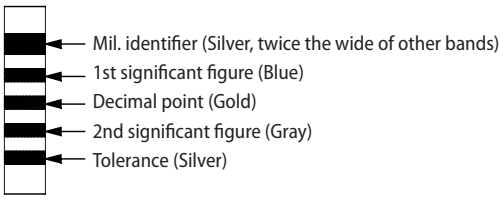
Dimensions: mm

Color Code Marking (MIL STD)

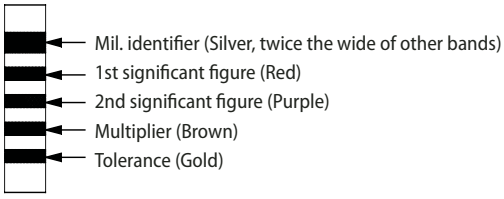
Applicable to series: 9130, 9210, 9220, 9230, 9250, 9310, 8250 with military identifier
8230 without military identifier

Color	1st & 2nd Significant Figure or Decimal Point	Multiplier	Tolerance
Black	0	1	
Brown	1	10	
Red	2	100	
Orange	3	1000	
Yellow	4		
Green	5		
Blue	6		
Violet	7		
Gray	8		
White	9		
Silver			± 10 %
Gold	Decimal Point		± 5 %

Example for L value less than 10 µH
6.8 µH
±10 %



Example for L value 10 µH and
higher 270 µH
±5 %



For cylindrical choke coils. Cylindrical choke coils shall be marked with five colored bands. A silver band MIL identifier of double the width of the other four bands, located near one end of the coil, identifies military radio frequency coils; four other bands of equal width, three indicating the inductance in microhenries and the fourth band indicating the tolerance in percent. Color coding shall be in accordance with the color code of table. When either the first or second band of the three bands is gold, this band shall represent the decimal point for inductance values less than 10, and the other two bands shall represent significant figures. For inductance values of 10 or more, the first two bands shall represent significant figures, and the third band shall represent the multiplier. For small units, dots may be used instead of bands, when specified. The diameter of the MIL-identifier dot shall be larger than the other dots. Typical color coding examples are shown above.

Numerical Marking

Applicable to series: 9130, 9210, 9220, 9230, 9250, 9310

Inductance and tolerance is laser marked to inductor body

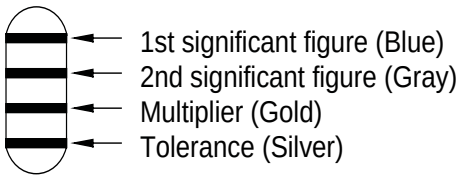
Example: 6.8 µH, ± 10 % is marked: 6.8 µH
± 10 %

Color Code Marking (EIA STD)

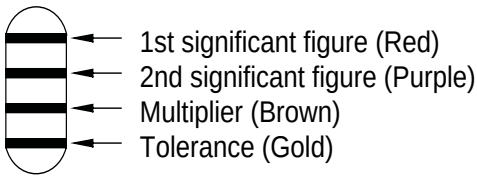
Applicable to series: 5300, 77F, 78F, 79F

Color	1st & 2nd Significant Figure	Multiplier	Tolerance
Silver		0.01	± 10 %
Gold		0.1	± 5 %
Black	0	1	
Brown	1	10	
Red	2	100	
Orange	3	1000	
Yellow	4		
Green	5		
Blue	6		
Violet	7		
Gray	8		
White	9		

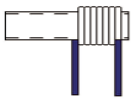
Example for L value less than 10 µH
6.8 µH
±10 %

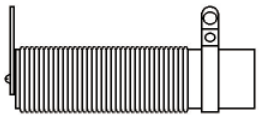
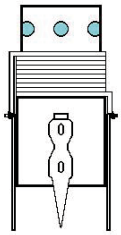
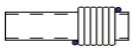


Example for L value 10 µH and higher
270 µH
±5 %

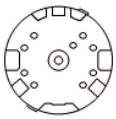
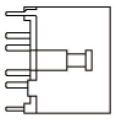


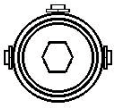
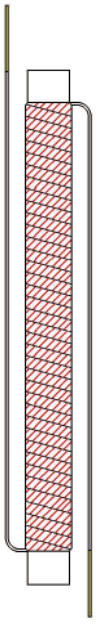
Custom Inductors



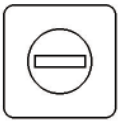
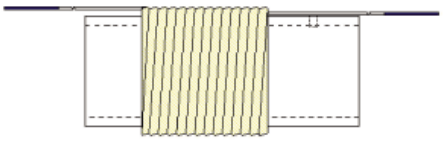
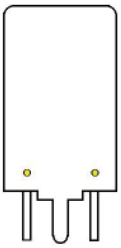
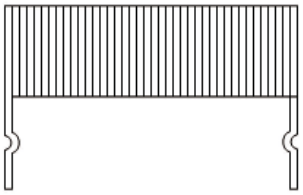




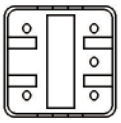
If you don't see what you're looking for…

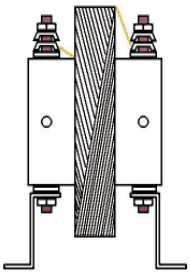
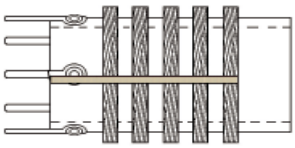
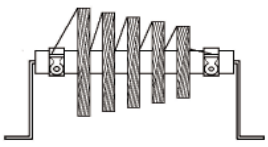
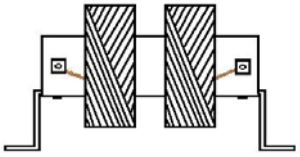
In addition to the extensive listing of inductors and transformers shown in this catalog, we also manufacture custom magnetic components for a broad spectrum of customers.

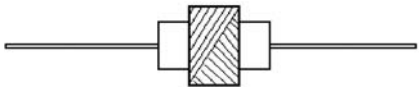


Send us your drawing or a sample of what you need and we will respond promptly to your request. If you need engineering assistance in the design of your components, we will be happy to provide this assistance. With multiple manufacturing facilities, Bourns can handle short or high volume production requirements.

Phone (877) 426-8767 ***E-Mail: techweb@bourns.com*** ***FAX (951) 781-5006***

Fixed Inductor Selector Guide



Varnished

Heavy Duty

Molded Shielded

The following guide is designed to help you find all Fixed Inductors and Chokes that are listed in the Bourns® Magnetics - J.W. Miller Product Selection Catalog.

First Column: Rated current, milliampere (mA)
1 mA = 0.001 A (ampere)

Second Column: Inductance, microhenry (µH)
1 µH = 1000 nH (nanohenry)
1 µH = 0.001 mH (millihenry)

Third Column: DC Resistance, ohms (Ω)

Fourth Column: Type of Construction
CC – Conformal coated
CM – Common mode
HD – Heavy duty
M – Molded
MS – Molded, shielded
R – Radial lead
SMC – Surface mount common mode
SMCH – Surface mount, chip
SMP – Surface mount, power
SMPS – Surface mount, power, shielded
SMT – Surface mount toroid
T – Toroid
TB – Toroid mounted on base
V – Varnished
VHD – Varnished heavy duty

Fifth Column: J.W. Miller part number

Sixth Column: Bourns part number

Example: 4.2 A, 10 µH, surface mount type
First, select rated current, 4200 (mA) or higher, at the first column
Second, select inductance, 10 at the second column
Third, select DC resistance (if specified) at the third column
Fourth, select type of construction, SMP or SMPS at the fourth column
Fifth, select P/N, PM5022-100M and PM124SH-100M match the descriptions
Sixth, find Bourns cross

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
5	15	0.8	SMCH	PM0805G-150M
5	18	0.9	SMCH	PM0805G-180M
5	22	1.1	SMCH	PM0805G-220M
5	27	1.15	SMCH	PM0805G-270M
5	33	1.25	SMCH	PM0805G-330M
8	120,000	97	R	RL181S-124J-RC
9	100,000	82	R	RL181S-104J-RC
10	82,000	71	R	RL181S-823J-RC
11	68,000	67	R	RL181S-683J-RC
11	82,000	618	MS	9250-826
11	82,000	618	MS	9250A-826
11	100,000	678	MS	9250-107
11	100,000	678	MS	9250A-107
12	56,000	58	R	RL181S-563J-RC
12	68,000	580	MS	9250-686
12	68,000	580	MS	9250A-686
13	47,000	52	R	RL181S-473J-RC
13	47,000	473	MS	9250-476
13	47,000	473	MS	9250A-476
13	56,000	512	MS	9250-566
13	56,000	512	MS	9250A-566
15	2.2	1.15	SMCH	PM0603G-2R2J
15	2.7	1.35	SMCH	PM0603G-2R7J
15	3.3	1.55	SMCH	PM0603G-3R3K
15	3.9	1.7	SMCH	PM0603G-3R9K
15	4.7	2.1	SMCH	PM0603G-4R7K
15	5.6	0.9	SMCH	PM0805G-5R6J
15	5.6	1.55	SMCH	PM0603G-5R6K
15	6.8	1	SMCH	PM0805G-6R8J
15	8.2	1.1	SMCH	PM0805G-8R2J
15	10	1.15	SMCH	PM0805G-100J
15	12	1.25	SMCH	PM0805G-120M
15	33,000	343	MS	9250-336
15	33,000	343	MS	9250A-336
15	39,000	45	R	RL181S-393J-RC
15	39,000	376	MS	9250-396
15	39,000	376	MS	9250A-396
16	27,000	308	MS	9250-276
16	27,000	308	MS	9250A-276
16	36,000	27	R	RL181S-363J-RC
17	22,000	274	MS	9250-226
17	22,000	274	MS	9250A-226
17	33,000	26	R	RL181S-333J-RC
18	27,000	22	R	RL181S-273J-RC
20	201.6	0.324	SMP	PM600-01
20	10,000	32.8	SMPS	PM1608S-103M
20	10,000	55	R	RL262-103J-RC
20	12,000	65	R	RL262-123J-RC
20	15,000	80	R	RL262-153J-RC
20	22,000	19.5	R	RL181S-223J-RC
20	56,000	135	R	RL622-563K-RC
20	68,000	150	R	RL622-683K-RC
20	82,000	212	R	RL622-823K-RC
20	100,000	235	R	RL622-104K-RC
21	18,000	17	R	RL181S-183J-RC
21	18,000	175	MS	9250-186
21	18,000	175	MS	9250A-186
22	15,000	15	R	RL181S-153J-RC
22	15,000	157	MS	9250-156
22	15,000	157	MS	9250A-156
22	100,000	484	CC	8250-104K
23	12,000	143	MS	9250-126
23	12,000	143	MS	9250A-126
23	82,000	440	CC	8250-823K
24	470	38	CC	79F471K-RC
24	10,000	137	MS	9250-106
24	10,000	137	MS	9250A-106
24	68,000	410	CC	8250-683K
25	1	0.6	SMCH	PM0603G-1R0J
25	1.2	0.8	SMCH	PM0603G-1R2J
25	1.5	0.8	SMCH	PM0603G-1R5J
25	1.8	0.95	SMCH	PM0603G-1R8J
25	270	25	CC	79F271K-RC
25	330	30	CC	79F331K-RC
25	390	34	CC	79F391K-RC
25	10,000	12.1	R	RL181S-103J-RC
25	12,000	13	R	RL181S-123J-RC
25	56,000	362	CC	8250-563K
26	8200	119	MS	9250-825
26	8200	119	MS	9250A-825
27	6800	111	MS	9250-685
27	6800	111	MS	9250A-685
27	47000	317	CC	8250-473K
28	1000	72	M	9130-92
28	5600	98.9	MS	9250-565
28	5600	98.9	MS	9250A-565
29	820	65	M	9130-90
29	100,000	278	V	70F101AF
30	2.2	0.65	SMCH	PM0805G-2R2J
30	2.7	0.75	SMCH	PM0805G-2R7J
30	3.3	0.8	SMCH	PM0805G-3R3J
30	3.9	0.9	SMCH	PM0805G-3R9J
30	4.7	1	SMCH	PM0805G-4R7J
30	89.6	0.137	SMP	PM600-02
30	160.6	0.094	SMP	PM620-01
30	680	60	M	9130-88
30	820	35	SMCH	PM1812-821J
30	1000	40	SMCH	PM1812-102J
30	5600	36	R	RL262-562J-RC
30	6800	40	R	RL262-682J-RC
30	8200	10.4	R	RL181S-822J-RC
30	8200	45	R	RL262-822J-RC
30	18,000	60	R	RL187-183J-RC
30	22,000	56	R	RL622-223K-RC

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
30	22,000	80	R	RL187-223J-RC
30	27,000	62	R	RL622-273K-RC
30	27,000	80	R	RL187-273J-RC
30	33,000	70	R	RL622-333K-RC
30	33,000	80	R	RL187-333J-RC
30	39,000	80	R	RL622-393K-RC
30	47,000	99	R	RL622-473K-RC
30	470,000	704	V	70F471AF
30	500,000	736	V	70F501AF
31	4700	81.6	MS	9250-475
31	4700	81.6	MS	9250A-475
31	39,000	242	CC	8250-393K
31	91,000	250	V	70F912AF
32	33,000	222	CC	8250-333K
32	82,000	238	V	70F822AF
33	75,000	222	V	70F752AF
33	390,000	617	V	70F391AF
34	27,000	195	CC	8250-273K
34	68,000	215	V	70F682AF
34	330,000	540	V	70F331AF
35	0.33	0.85	SMCH	PM0603G-R33J
35	0.39	1	SMCH	PM0603G-R39J
35	0.47	1.35	SMCH	PM0603G-R47J
35	0.56	1.55	SMCH	PM0603G-R56J
35	0.68	1.7	SMCH	PM0603G-R68J
35	0.82	2.1	SMCH	PM0603G-R82J
35	220	20	CC	79F221K-RC
35	560	46	M	9130-86
35	3900	73.8	MS	9250-395
35	3900	73.8	MS	9250A-395
35	6800	9.7	R	RL181S-682J-RC
36	470	42	M	9130-84
36	56,000	189	V	70F562AF
36	270,000	490	V	70F271AF
37	180	18	CC	79F181K-RC
37	50,000	175	V	70F502AF
37	250,000	468	V	70F251AF
38	1000	72	CC	8230-92
38	1000	72	M	9230-92
38	10,000	101	V	70F102AI
38	47,000	96.4	R	RL895-473K
38	47,000	168	V	70F472AF
39	150	16	CC	79F151K-RC
39	9100	98.4	V	70F913AI
39	15,000	42.5	HD	5800-153
39	18,000	48.3	HD	5800-183
39	220,000	424	V	70F221AF
40	77	0.065	SMP	PM620-02
40	100	10	SMCH	PM1210-101J
40	160	0.202	SMP	PM610-01
40	390	35	M	9130-82
40	820	65	CC	8230-90
40	820	65	M	9230-90
40	2700	47.3	MS	9250-275
40	2700	47.3	MS	9250A-275
40	3300	25	R	RL262-332J-RC
40	3300	53	MS	9250-335
40	3300	53	MS	9250A-335
40	3900	30	R	RL262-392J-RC
40	4700	7.5	R	RL181S-472J-RC
40	4700	32	R	RL262-472J-RC
40	5600	8.4	R	RL181S-562J-RC
40	6800	25	SMPS	PM1608S-682M
40	8200	92.4	V	70F823AI
40	10,000	40	R	RL187-103J-RC
40	10,000	80	V	3500-103K
40	12,000	33	R	RL622-123K-RC
40	12,000	40	R	RL187-123J-RC
40	15,000	37	R	RL622-153K-RC
40	15,000	60	R	RL187-153J-RC
40	18,000	40	R	RL622-183K-RC
40	22,000	145	CC	8250-223K
41	1000	26	CC	78F102J
41	7500	85.2	V	70F753AI
41	22,000	144	V	70F222AI
41	39,000	147	V	70F392AF
41	180,000	374	V	70F181AF
42	120	13	CC	79F121K-RC
42	680	60	CC	8230-88
42	680	60	M	9230-88
42	39,000	74.2	R	RL895-393K
43	820	23	CC	78F821J
43	6800	78	V	70F683AI
43	33,000	134	V	70F332AF
44	100	12	CC	79F101K-RC
44	18,000	128	V	70F182AI
44	150,000	328	V	70F151AF
45	82	10	SMCH	PM1210-820J
45	330	28	M	9130-80
45	680	18	CC	78F681J
45	3900	7.2	R	RL181S-392J-RC
45	7500	55	V	3500-752K
45	27,000	120	V	70F272AF
46	82	11	CC	79F820K-RC
46	5600	69.6	V	70F563AI
46	25,000	115	V	70F252AF
47	270	25	M	9130-78
47	15,000	113	V	70F152AI
48	560	46	CC	8230-86
48	560	46	M	9230-86
48	4700	64.8	V	70F473AI
48	18,000	104	CC	8250-183K
48	33,000	64.2	R	RL895-333K
48	120,000	288	V	70F121AF

Coil Type

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SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
49	15,000	97	CC	8250-153K
50	0.047	0.3	SMCH	PM0603G-R047J
50	0.068	0.3	SMCH	PM0603G-R068J
50	0.082	0.3	SMCH	PM0603G-R082J
50	0.1	0.5	SMCH	PM0603G-R10J
50	0.12	0.5	SMCH	PM0603G-R12J
50	0.15	0.6	SMCH	PM0603G-R15J
50	0.18	0.6	SMCH	PM0603G-R18J
50	0.22	0.8	SMCH	PM0603G-R22J
50	0.27	0.8	SMCH	PM0603G-R27J
50	1	0.4	SMCH	PM0805G-1R0J
50	1.2	0.5	SMCH	PM0805G-1R2J
50	1.5	0.5	SMCH	PM0805G-1R5J
50	1.8	0.6	SMCH	PM0805G-1R8J
50	4.7	0.2	SMP	PM32-4R7M
50	68	9	SMCH	PM1210-680J
50	220	21	SMCH	PM1210-221J
50	470	42	CC	8230-84
50	470	42	M	9230-84
50	560	30	SMCH	PM1812-561J
50	680	30	SMCH	PM1812-681J
50	820	7	R	RL262-821J-RC
50	1000	8.4	SMP	PM3308-102M
50	1000	9	R	RL262-102J-RC
50	1200	9	R	RL262-122J-RC
50	1500	11	R	RL262-152J-RC
50	1800	12	R	RL262-182J-RC
50	1800	29.9	MS	9250-185
50	1800	29.9	MS	9250A-185
50	2200	14	R	RL262-222J-RC
50	2200	33.8	MS	9250-225
50	2200	33.8	MS	9250A-225
50	2700	15	R	RL262-272J-RC
50	3300	6.1	R	RL181S-332J-RC
50	3900	13	R	RL187-392J-RC
50	4700	16	R	RL622-472K-RC
50	4700	18	R	RL187-472J-RC
50	5600	18	R	RL187-562J-RC
50	5600	18	R	RL622-562K-RC
50	6800	19	R	RL622-682K-RC
50	6800	26	R	RL187-682J-RC
50	8200	21	R	RL622-822K-RC
50	8200	26	R	RL187-822J-RC
50	10,000	25	R	RL622-103K-RC
50	10,000	26.4	HD	5800-103
50	10,000	93.1	CC	8250-103K
50	12,000	29.9	HD	5800-123
50	12,000	100	V	70F122AI
51	560	13	CC	78F561J
51	3900	57.6	V	70F393AI
52	220	21	M	9130-76
52	8200	86.6	CC	8250-822K
52	10,000	75	CC	5300-49
52	27,000	55.2	R	RL895-273K
53	470	11.6	CC	78F471J
53	3300	51.6	V	70F333AI
53	12,000	84	CC	8250-123K
54	8200	68	CC	5300-48
55	56	8	SMCH	PM1210-560J
55	390	35	CC	8230-82
55	390	35	M	9230-82
55	1500	26.5	MS	9250-155
55	1500	26.5	MS	9250A-155
55	2700	5.8	R	RL181S-272J-RC
57	180	17	M	9130-74
57	2200	45.6	V	70F223AI
57	2500	45.6	V	70F253AI
57	2700	45.6	V	70F273AI
59	1800	42	V	70F183AI
59	6800	58	CC	5300-47
59	22,000	44.9	R	RL895-223K
60	47	7	SMCH	PM1210-470J
60	78.4	0.094	SMP	PM610-02
60	100	21	SMCH	PM1008M-101K-RC
60	180	17	SMCH	PM1210-181J
60	390	10.5	CC	78F391J
60	1200	22.1	MS	9250-125
60	1200	22.1	MS	9250A-125
60	2200	5.2	R	RL181S-222J-RC
60	4700	13.9	SMPS	PM1608S-472M
61	150	15	M	9130-72
62	330	28	CC	8230-80
62	330	28	M	9230-80
62	470	26	SMCH	PM1812-471J
62	6800	62	CC	8250-682K
63	1500	37.2	V	70F153AI
63	5600	50	CC	5300-46
64	68	7.2	CC	79F680K-RC
65	39	6.4	SMCH	PM1210-390J
65	82	19	SMCH	PM1008M-820K-RC
65	150	15	SMCH	PM1210-151J
65	270	25	CC	8230-78
65	270	25	M	9230-78
65	330	9.5	CC	78F331J
65	680	22.8	SMCH	PM1812H-681K
65	1800	4.5	R	RL181S-182J-RC
65	8200	20.8	HD	5800-822
65	25,000	82	V	6308
65	50,000	127	V	6310
65	82,000	79.3	HD	5900-823
65	100,000	89.7	HD	5900-104
66	120	13	M	9130-70
66	1200	33.6	V	70F123AI
66	4700	29.9	V	3500-472K

Coil Type

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SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
66	5600	54.6	CC	8250-562K
66	18,000	38.9	R	RL895-183K
68	56	6.4	CC	79F560K-RC
68	4700	51.2	CC	8250-472K
68	15,000	29.1	R	RL895-153K
70	0.022	2.6	SMCH	PM0402T-22NG-RC
70	33	5.6	SMCH	PM1210-330J
70	33	5.6	SMCH	PM1210G-330K-RC
70	47	5.8	CC	79F470K-RC
70	68	16.6	SMCH	PM1008M-680K-RC
70	120	11	SMCH	PM1210-121J
70	270	6.5	CC	78F271J
70	560	17	SMCH	PM1812H-561K
70	1000	13.8	SMP	PM1608-102M
70	1000	17.5	MS	9250-105
70	1000	17.5	MS	9250A-105
70	1500	4	R	RL181S-152J-RC
71	3900	26	V	3500-392K
73	220	21	CC	8230-76
73	220	21	M	9230-76
73	12,000	25	R	RL895-123K
74	39	5.2	CC	79F390K-RC
74	4700	37	CC	5300-45
74	10,000	35	R	RL875S-103K
75	33	4.7	CC	79F330K-RC
75	56	12.1	SMCH	PM1008M-560K-RC
75	470	15	SMCH	PM1812H-471K
75	1200	3.7	R	RL181S-122J-RC
76	220	5.7	CC	78F221J
77	3300	21.7	V	3500-332K
77	3900	34	CC	5300-44
78	1000	16.5	M	9220-28
79	180	17	CC	8230-74
79	180	17	M	9230-74
79	910	15.8	M	9220-26
79	910	24	V	70F914AI
79	1000	24	V	70F103AI
79	10,000	62	SMP	PM1355-103K
80	0.018	2	SMCH	PM0402T-18NG-RC
80	27	4.3	CC	79F270K-RC
80	27	5	SMCH	PM1210-270J
80	27	5	SMCH	PM1210G-270K-RC
80	47	11.1	SMCH	PM1008M-470K-RC
80	131.8	0.094	SMP	PM620-03
80	390	18	SMCH	PM1812-391J
80	680	11.8	MS	9250-684
80	680	11.8	MS	9250A-684
80	750	22.9	V	70F754AI
80	820	13	MS	9250-824
80	820	13	MS	9250A-824
80	820	22.9	V	70F824AI
80	1500	6.1	R	RL622-152K-RC
80	1800	6.4	R	RL622-182K-RC
80	2200	6.8	R	RL622-222K-RC
80	2700	7.7	R	RL622-272K-RC
80	3300	9	R	RL622-332K-RC
80	3300	11	SMPS	PM1608S-332M
80	3900	14	R	RL622-392K-RC
80	3900	36.8	CC	8250-392K
80	5600	25	V	73F563AF
80	6800	29	V	73F683AF
80	8200	30	V	73F823AF
80	10,000	34	V	73F102AF
80	39,000	125.5	R	6000-393K
80	47,000	137.8	R	6000-473K
81	820	15.1	M	9220-24
81	8200	30.6	R	RL875S-822K
81	10,000	55.7	R	RL855-103K
82	2700	19.3	V	3500-272K
82	5600	13.9	HD	5800-562
82	6800	16.3	HD	5800-682
82	68,000	57.3	HD	5900-683
83	750	14.4	M	9220-22
83	3300	29	CC	5300-43
84	100	8	M	9130-68
84	180	5	CC	78F181J
84	8200	55	SMP	PM1355-822K
84	10,000	33	R	RL875-103K
85	68	8.45	SMCH	PM1210H-680K
85	82	11	SMCH	PM20S-820K
85	100	12	SMCH	PM20S-101K
85	150	15	CC	8230-72
85	150	15	M	9230-72
85	330	14	SMCH	PM1812-331J
85	390	13.5	SMCH	PM1812H-391K
85	680	13.7	M	9220-20
85	3300	33.3	CC	8250-332K
86	2200	17.6	V	3500-222K
87	680	19.8	V	70F684AI
88	82	7.3	M	9130-66
88	560	19.2	V	70F564AI
88	620	13	M	9220-18
88	8200	46.5	R	RL855-822K
89	6800	23	R	RL875S-682K
89	6800	49	SMP	PM1355-682K
89	10,000	22	R	RL895-103K
90	0.012	1.8	SMCH	PM0402T-12NG-RC
90	0.015	2	SMCH	PM0402T-15NG-RC
90	39	9.5	SMCH	PM1008M-390K-RC
90	68	10	SMCH	PM20S-680K
90	150	4.4	CC	78F151J
90	330	13	SMCH	PM1812H-331K
90	470	12	SMP	PM32-471M
90	560	10.5	MS	9250-564

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
90	560	10.5	MS	9250A-564
90	1000	3.4	R	RL181S-102J-RC
90	2700	25	CC	5300-42
90	33,000	91.5	R	6000-333K
91	500	18	V	70F504AI
91	560	12.3	M	9220-16
91	1800	15.8	V	3500-182K
92	68	6.7	M	9130-64
92	270	12	SMCH	PM1812-271J
92	470	9.5	MS	9250-474
92	470	9.5	MS	9250A-474
92	510	11.6	M	9220-15
93	500	11.6	M	9220-14
93	8200	28.7	R	RL875-822K
95	56	10	SMCH	PM20S-560K
95	470	11.1	M	9220-12
95	470	16.3	V	70F474AI
97	120	13	CC	8230-70
97	120	13	M	9230-70
97	390	15.8	V	70F394AI
97	430	10.6	M	9220-10
97	2700	25.1	CC	8250-272K
98	6800	31.7	R	RL855-682K
99	5600	20.4	R	RL875S-562K
100	0.01	1.6	SMCH	PM0402T-10NG-RC
100	18	7.5	V	74F185AP
100	22	3.4	CC	79F220K-RC
100	47	8	SMCH	PM20S-470K
100	56	5.7	M	9130-62
100	100	6	V	74F104AI
100	120	3.8	CC	78F121J
100	220	5.5	SMP	PM32-221M
100	220	10	SMCH	PM1812-221J
100	270	6	SMP	PM32-271M
100	270	11	SMCH	PM1812H-271K
100	330	7	SMP	PM32-331M
100	390	4	R	RL262-391J-RC
100	390	8	SMP	PM32-391M
100	390	10	M	9220-08
100	470	5	R	RL262-471J-RC
100	560	6	R	RL262-561J-RC
100	680	5.3	SMP	PM3308-681M
100	680	6	R	RL262-681J-RC
100	820	26	SMCH	PM1008S-821M
100	1000	2	SMP	PM3340-103M
100	1000	14	CC	77F102J
100	1000	30	SMCH	PM1008S-102M
100	1500	14.3	V	3500-152K
100	1800	9	R	RL187-182J-RC
100	2200	8.5	SMPS	PM1608S-222M
100	2200	13	R	RL187-222J-RC
100	2200	19	CC	5300-41
100	2700	13	R	RL187-272J-RC
100	3300	13	R	RL187-332J-RC
100	3900	8.63	HD	5800-392
100	4700	10.5	HD	5800-472
100	4700	21.5	V	73F473AF
100	6200	37	V	4670
100	6800	21.8	R	RL875-682K
100	8200	15.3	R	RL895-822K
100	8200	46	V	4671
100	10,000	31	V	6306
100	10,000	50	V	4672
100	27,000	82.7	R	6000-273K
100	39,000	31.8	HD	5900-393
100	47,000	36.1	HD	5900-473
100	56,000	40.9	HD	5900-563
101	240	7.8	M	9210-94
102	180	9.5	SMCH	PM1812-181J
102	350	14.4	V	70F354AI
102	360	9.6	M	9220-06
103	220	7.45	M	9210-92
103	330	13.9	V	70F334AI
103	2200	22	CC	8250-222K
105	39	5.9	SMCH	PM20S-390K
105	47	5.46	SMCH	PM1210H-470K
105	150	9	SMCH	PM1812-151J
105	330	9.1	M	9220-04
105	390	7.4	MS	9250-394
105	390	7.4	MS	9250A-394
105	820	10.5	CC	77F821J
106	200	7.1	M	9210-90
106	270	13.2	V	70F274AI
106	300	13.2	V	70F304AI
107	300	8.7	M	9220-02
108	180	6.75	M	9210-88
110	0.0082	1.3	SMCH	PM0402T-8N2-RC
110	22	3.7	SMCH	PM1210G-220K-RC
110	22	4	SMCH	PM1210-220J
110	33	7.1	SMCH	PM1008M-330K-RC
110	47	4.5	M	9130-60
110	100	8	SMCH	PM1812-101J
110	120	8	SMCH	PM1812-121J
110	270	8.2	M	9220-00
110	330	6.4	MS	9250-334
110	330	6.4	MS	9250A-334
110	1200	10	V	3500-122K
110	4700	14.7	R	RL875S-472K
110	5600	18.7	R	RL875-562K
110	5600	26.8	R	RL855-562K
110	6800	13.2	R	RL895-682K
110	22,000	59.3	R	6000-223K
111	160	6.4	M	9210-86
111	250	12.1	V	70F254AI

Coil Type

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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
111	1800	19.1	CC	8250-182K
113	680	9.4	CC	77F681J
114	150	6.05	M	9210-84
114	220	11.5	V	70F224AI
114	5600	30	SMP	PM1355-562K
115	27	6.3	SMCH	PM1008M-270K-RC
115	33	3.64	SMCH	PM1210H-330K
115	33	5.1	SMCH	PM20S-330K
115	270	5.8	MS	9250-274
115	270	5.8	MS	9250A-274
119	1500	16.8	CC	8250-152K
120	18	3.3	SMCH	PM1210G-180K-RC
120	18	3.6	SMCH	PM1210-180J
120	63.2	0.065	SMP	PM620-04
120	82	7	SMCH	PM1812-820J
120	180	5	SMP	PM32-181M
120	180	7.5	SMCH	PM1812H-181K
120	200	10.3	V	70F204AI
120	220	9	SMCH	PM1812H-221K
120	470	7	SMP	PM52-471M
120	560	8	SMP	PM52-561M
120	560	8.5	CC	77F561J
120	680	9.2	SMP	PM1608-681M
120	680	24	SMCH	PM1008S-681M
120	1500	4.2	SMPS	PM1608S-152M
120	1800	14	CC	5300-40
120	3900	12.9	R	RL875S-392K
120	4700	16.7	R	RL875-472K
120	4700	23.9	R	RL855-472K
120	5600	11.5	R	RL895-562K
120	10,000	13.1	CM	3000-103
120	18,000	53.6	R	6000-183K
121	130	5.45	M	9210-82
124	120	5.2	M	9210-80
125	22	5.5	SMCH	PM1008M-220K-RC
125	27	3.3	SMCH	PM20S-270K
125	39	3.6	M	9130-58
125	100	3.5	CC	78F101J
125	100	8	CC	8230-68
125	100	8	M	9230-68
125	220	5	MS	9250-224
125	220	5	MS	9250A-224
125	1200	15.1	CC	8250-122K
125	2700	5.9	HD	5800-272
125	2700	13.5	V	73F273AF
125	3300	6.56	HD	5800-332
125	3300	15.1	V	73F333AF
125	3900	18	V	73F393AF
125	4700	25	SMP	PM1355-472K
125	22,000	21.8	HD	5900-223
125	27,000	22.7	HD	5900-273
125	33,000	25.7	HD	5900-333
126	470	7.7	CC	77F471J
128	110	4.9	M	9210-78
130	0.0068	1.1	SMCH	PM0402T-6N8-RC
130	10	0.72	CC	78F100J
130	10	3.7	M	9130-44
130	15	2.8	SMCH	PM1210G-150K-RC
130	15	3.2	SMCH	PM1210-150J
130	18	4.8	SMCH	PM1008M-180K-RC
130	33	3.4	M	9130-56
130	68	6	SMCH	PM1812-680J
130	82	7.3	CC	8230-66
130	82	7.3	M	9230-66
130	150	4	SMP	PM32-151M
130	560	18	SMCH	PM1008S-561M
130	1000	5.74	SMPS	PM7032S-102M
130	1200	4	R	RL622-122K-RC
130	1500	12	CC	5300-39
130	3300	9.74	R	RL875S-332K
130	3900	18	R	RL855-392K
130	4700	7.89	R	RL895-472K
130	8200	11.5	CM	3000-822
132	82	3.2	CC	78F820J
133	100	4.5	M	9210-76
133	390	7	CC	77F391J
135	27	1.35	CC	78F270J
135	27	3.5	M	9130-54
135	56	5.5	SMCH	PM1812-560J
135	68	6.7	CC	8230-64
135	68	6.7	M	9230-64
135	120	8.16	V	70F124AI
135	150	8.16	V	70F154AI
135	180	4.4	MS	9250-184
135	180	4.4	MS	9250A-184
135	180	8.16	V	70F184AI
136	91	4.3	M	9210-74
136	3900	21	SMP	PM1355-392K
137	68	2.9	CC	78F680J
137	330	6.4	CC	77F331J
139	100	7.68	V	70F104AI
139	1000	12.1	CC	8250-102K
140	0.0056	0.9	SMCH	PM0402T-5N6-RC
140	12	2.5	SMCH	PM1210G-120K-RC
140	12	2.8	SMCH	PM1210-120J
140	15	4.4	SMCH	PM1008M-150K-RC
140	18	3.1	CC	79F180K-RC
140	22	1.2	CC	78F220J
140	22	3.3	M	9130-52
140	47	5	SMCH	PM1812-470J
140	120	3.5	SMP	PM32-121M
140	150	4.1	MS	9250-154
140	150	4.1	MS	9250A-154
140	150	6.5	SMCH	PM1812H-151K

Coil Type

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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
140	180	4	SMPS	PM42S-181
140	330	6	SMP	PM52-331M
140	390	6.5	SMP	PM52-391M
140	820	6.33	V	3500-821K
140	1000	7.31	V	3500-102K
140	2700	8.54	R	RL875S-272K
140	3300	15.9	R	RL855-332K
140	3900	6.84	R	RL895-392K
140	3900	1402	R	RL875-392K
140	6800	10.2	CM	3000-682
140	15,000	48.9	R	6000-153K
143	82	3.9	M	9210-72
145	15	2.8	CC	79F150K-RC
145	18	1	CC	78F180J
145	18	3.1	M	9130-50
145	22	2.6	SMCH	PM1210H-220K
145	56	5.7	CC	8230-62
145	56	5.7	M	9230-62
145	270	5.8	CC	77F271J
147	75	3.7	M	9210-70
150	0.039	1.2	SMCH	PM0402-39NJ
150	0.047	0.83	SMCH	PM0402C-47NJ
150	0.047	1.3	SMCH	PM0402-47NJ
150	0.056	1.4	SMCH	PM0402-56NJ
150	0.056	5	SMCH	PM0603T-56NG-RC
150	0.068	5	SMCH	PM0603T-68NG-RC
150	0.56	0.75	SMCH	PM0805G-R56J
150	0.68	0.8	SMCH	PM0805G-R68J
150	0.82	1	SMCH	PM0805G-R82J
150	10	2.1	SMCH	PM1210G-100K-RC
150	10	2.5	SMCH	PM1210-100J
150	12	2.5	CC	79F120K-RC
150	12	3.8	SMCH	PM1008M-120K-RC
150	15	0.88	CC	78F150J
150	15	2.8	M	9130-48
150	15	6	V	74F155AP
150	22	3.1	SMCH	PM20S-220K
150	39	4.5	SMCH	PM1812-390J
150	56	2.6	CC	78F560J
150	100	3	SMP	PM32-101M
150	120	3.6	MS	9250-124
150	120	3.6	MS	9250A-124
150	150	2.67	SMPS	PM42S-151
150	180	4	SMP	PM52-181M
150	220	3	R	RL262-221J-RC
150	220	4.5	SMP	PM52-221M
150	270	3	R	RL262-271J-RC
150	270	5	SMP	PM52-271M
150	330	4	R	RL262-331J-RC
150	470	5.06	SMP	PM1608-471M
150	680	5.93	V	3500-681K
150	1000	3.4	SMPS	PM1608S-102M
150	1000	6	R	RL187-102J-RC
150	1000	7.5	V	73F103AF
150	1000	7.8	SMPS	PM73SH-102M
150	1200	7.8	V	73F123AF
150	1200	9	CC	5300-38
150	1200	9	R	RL187-122J-RC
150	1500	8.8	V	73F153AF
150	1500	9	R	RL187-152J-RC
150	1800	11	V	73F183AF
150	2200	12	V	73F223AF
150	3300	6.16	R	RL895-332K
150	3300	10.6	R	RL875-332K
150	5600	9.03	CM	3000-562
150	12,000	34.7	R	6000-123K
151	820	10.4	CC	8250-821K
151	3300	17	SMP	PM1355-332K
155	8.2	0.55	CC	78F8R2J
155	8.2	2.7	M	9130-42
155	10	2.95	SMCH	PM1008-100K
155	10	3.5	SMCH	PM1008M-100K-RC
155	12	0.8	CC	78F120J
155	12	2.7	M	9130-46
155	18	2.7	SMCH	PM20S-180K
155	220	5.1	CC	77F221J
156	68	3.3	M	9210-68
156	91	4.92	V	70F915AI
156	2700	16	SMP	PM1355-272K
158	82	4.8	V	70F825AI
158	1500	3.45	HD	5800-152
158	1800	4.03	HD	5800-182
158	2200	4.48	HD	5800-222
158	18,000	14.8	HD	5900-183
160	0.0047	0.7	SMCH	PM0402T-4N7-RC
160	8.2	2.65	SMCH	PM1008-8R2K
160	8.2	3.05	SMCH	PM1008M-8R2K-RC
160	10	2.4	CC	79F100K-RC
160	33	4	SMCH	PM1812-330J
160	33	4	SMCH	PM1812G-330K-RC
160	62	3.15	M	9210-66
160	82	2.5	SMP	PM32-820M
160	100	3.12	MS	9250-104
160	100	3.12	MS	9250A-104
160	100	5.4	V	4642
160	120	4.5	SMCH	PM1812H-121K
160	150	6.5	V	4644
160	240	8.5	V	4646
160	330	3.8	SMP	PM1608-331M
160	390	11	V	4648
160	470	5.29	V	3500-471K
160	470	16.5	SMCH	PM1008S-471M
160	550	13	V	4649
160	560	5.41	V	3500-561K

Coil Type

CC - Conformal coated
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SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
160	620	15	V	4650
160	750	16	V	4651
160	1000	2.96	R	RL822-102K-RC
160	1000	7.9	CC	5300-37
160	1000	8.6	V	4662
160	1000	19	V	4652
160	1200	5.24	SMT	PM3602-300
160	1500	11	V	4664
160	2200	7.56	R	RL875S-222K
160	2400	15	V	4666
160	2500	9	V	6302
160	2700	8.72	R	RL875-272K
160	2700	13.1	R	RL855-272K
160	3900	20	V	4668
160	5000	14	V	6304
160	5500	25	V	4669
160	18,000	34.1	R	6100-183K-RC
162	75	4.56	V	70F755AI
163	680	8.85	CC	8250-681K
164	56	3	M	9210-64
165	6.8	2	SMCH	PM1008-6R8K
165	6.8	2.7	SMCH	PM1008M-6R8K-RC
165	8.2	2.2	CC	79F8R2K-RC
165	15	2.5	SMCH	PM20S-150K
165	47	4.5	CC	8230-60
165	47	4.5	M	9230-60
165	180	4.6	CC	77F181J
167	47	2.3	CC	78F470J
167	51	2.85	M	9210-62
169	68	4.2	V	70F685AI
170	0.0039	0.6	SMCH	PM0402T-3N9-RC
170	0.27	2.3	SMCH	PM0603-R27J
170	0.47	2.5	SMCH	PM0805-R47K
170	0.56	3.5	SMCH	PM0805-R56K
170	5.6	1.82	SMCH	PM1008-5R6K
170	5.6	2.5	SMCH	PM1008M-5R6K-RC
170	8.2	2	SMCH	PM1210G-8R2K-RC
170	8.2	2.3	SMCH	PM1210-8R2J
170	27	3.6	SMCH	PM1812-270J
170	27	3.6	SMCH	PM1812G-270K-RC
170	47	2.75	M	9210-60
170	68	2.7	MS	9250-683
170	68	2.7	MS	9250A-683
170	820	7.1	CC	5300-36
170	1000	4.76	SMT	PM3602-250
170	1800	6.81	R	RL875S-182K
170	2700	4.94	R	RL895-272K
170	10,000	25.1	R	6000-103K
170	15,000	30.4	R	6100-153K-RC
172	43	2.7	M	9210-58
174	560	8	CC	8250-561K
175	4.7	2.3	SMCH	PM1008M-4R7K-RC
175	6.8	0.45	CC	78F6R8J
175	6.8	2	CC	79F6R8K-RC
175	6.8	2	M	9130-40
175	12	2.3	SMCH	PM20S-120K
175	150	4.2	CC	77F151J
176	39	2.6	M	9210-56
176	56	3.84	V	70F565AI
180	3.9	2.1	SMCH	PM1008M-3R9K-RC
180	5.6	1.9	CC	79F5R6K-RC
180	6.8	1.8	SMCH	PM1210G-6R8K-RC
180	6.8	2	SMCH	PM1210-6R8J
180	10	3.7	CC	8230-44
180	10	3.7	M	9230-44
180	15	1.69	SMCH	PM1210H-150K
180	22	3.2	SMCH	PM1812-220J
180	22	3.2	SMCH	PM1812G-220K-RC
180	36	2.5	M	9210-54
180	39	3.6	CC	8230-58
180	39	3.6	M	9230-58
180	68	2	SMP	PM32-680M
180	82	2.44	MS	9250-823
180	82	2.44	MS	9250A-823
180	100	4	SMCH	PM1812H-101K
180	120	2.39	SMPS	PM42S-121
180	150	4	SMP	PM52-151M
180	680	2.2	SMPS	PM1608S-681M
180	680	6.4	CC	5300-35
180	820	2.7	R	RL822-821K-RC
180	820	5.34	SMPS	PM73SH-821M
180	2200	6.25	R	RL875-222K
180	2200	11.1	R	RL855-222K
180	2200	12	SMP	PM1355-222K
180	3300	4	R	RL824-332K-RC
180	3900	4.5	R	RL824-392K-RC
180	4700	6.64	CM	3000-472
180	8200	22.7	R	6000-822K
185	3.3	1.9	SMCH	PM1008M-3R3K-RC
185	5.6	0.4	CC	78F5R6J
185	5.6	1.8	M	9130-38
185	10	2	SMCH	PM20S-100K
185	27	3.5	CC	8230-54
185	27	3.5	M	9230-54
185	39	1.7	CC	78F390J
185	120	3.7	CC	77F121J
187	33	3.4	CC	8230-56
187	33	3.4	M	9230-56
188	39	3.36	V	70F395AI
188	47	3.36	V	70F475AI
188	1800	11	SMP	PM1355-182K
190	0.0033	0.5	SMCH	PM0402T-3N3-RC
190	4.7	1.7	CC	79F4R7K-RC
190	18	2.8	SMCH	PM1812-180J

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
190	18	2.8	SMCH	PM1812G-180K-RC
190	22	3.3	CC	8230-52
190	22	3.3	M	9230-52
190	56	2.23	MS	9250-563
190	56	2.23	MS	9250A-563
190	390	3.45	V	3500-391K
190	470	1.8	SMPS	PM1608S-471M
190	680	3.78	SMPS	PM7032S-681M
190	1500	4.5	R	RL875S-152K
190	2200	4.21	R	RL895-222K
190	2700	3.35	R	RL824-272K-RC
190	12,000	23.2	R	6100-123K-RC
192	470	6.45	CC	8250-471K
195	2.7	1.7	SMCH	PM1008M-2R7K-RC
195	8.2	1.65	SMCH	PM20S-8R2K
195	18	3.1	CC	8230-50
195	18	3.1	M	9230-50
195	33	1.5	CC	78F330J
195	47	2.11	MS	9250-473
195	47	2.11	MS	9250A-473
200	0.018	0.65	SMCH	PM0402-18NJ
200	0.022	0.8	SMCH	PM0402-22NJ
200	0.027	0.9	SMCH	PM0402-27NJ
200	0.033	1	SMCH	PM0402-33NJ
200	0.039	3	SMCH	PM0603T-39NG-RC
200	0.047	3	SMCH	PM0603T-47NG-RC
200	0.22	2.1	SMCH	PM0603-R22J
200	0.39	0.65	SMCH	PM0805G-R39J
200	0.39	1.5	SMCH	PM0805-R39K
200	0.47	0.65	SMCH	PM0805G-R47J
200	2.2	1.55	SMCH	PM1008M-2R2K-RC
200	3.9	1.5	CC	79F3R9K-RC
200	5.6	1.4	SMCH	PM20S-5R6K
200	5.6	1.6	SMCH	PM1210G-5R6K-RC
200	5.6	1.8	SMCH	PM1210-5R6J
200	12	2	MS	9250-123
200	12	2	MS	9250A-123
200	12	3.6	V	74F125AP
200	15	2.5	SMCH	PM1812-150J
200	15	2.5	SMCH	PM1812G-150K-RC
200	47	1.5	SMP	PM32-470M
200	56	1.8	SMP	PM32-560M
200	82	3.5	SMCH	PM1812H-820K
200	82	5.1	V	74F825AI
200	100	1.73	SMPS	PM42S-101
200	100	2	R	RL187-101J-RC
200	100	2	R	RL262-101J-RC
200	120	2	R	RL187-121J-RC
200	120	3	SMP	PM52-121M
200	120	3	R	RL262-121J-RC
200	150	2	R	RL187-151J-RC
200	150	3	R	RL262-151J-RC
200	180	3	R	RL187-181J-RC
200	180	3	R	RL262-181J-RC
200	220	2.65	SMP	PM1608-221M
200	220	3	R	RL187-221J-RC
200	270	3	R	RL187-271J-RC
200	330	1.4	SMPS	PM1608S-331M
200	330	3.34	V	3500-331K
200	330	4	R	RL187-331J-RC
200	330	11.5	SMCH	PM1008S-331M
200	390	4	R	RL187-391J-RC
200	470	4	SMP	PM3308-471M
200	470	4	R	RL187-471J-RC
200	470	4.8	V	73F474AF
200	560	4	R	RL187-561J-RC
200	560	5.3	V	73F564AF
200	680	1.2	SMP	PM3340-681M
200	680	4	R	RL187-681J-RC
200	680	4.55	SMPS	PM73SH-681M
200	680	6	V	73F684AF
200	800	3.36	SMT	PM3602-200
200	820	1.96	HD	5800-821
200	820	6	R	RL187-821J-RC
200	820	6.8	V	73F824AF
200	1000	2.3	HD	5800-102
200	1200	2.65	HD	5800-122
200	1800	5.05	R	RL875-182K
200	1800	8.26	R	RL855-182K
200	3900	5.16	CM	3000-392
200	6800	20.7	R	6000-682K
200	10,000	19.3	R	6100-103K-RC
200	12,000	9.21	HD	5900-123
200	15,000	10.5	HD	5900-153
204	1500	9.4	SMP	PM1355-152K
205	6.8	1.6	SMCH	PM20S-6R8K
205	15	2.8	CC	8230-48
205	15	2.8	M	9230-48
205	39	1.93	MS	9250-393
205	39	1.93	MS	9250A-393
205	390	5.62	CC	8250-391K
208	33	2.76	V	70F335AI
210	1.8	1.45	SMCH	PM1008M-1R8K-RC
210	3.3	1.4	CC	79F3R3K-RC
210	8.2	2.7	CC	8230-42
210	8.2	2.7	M	9230-42
210	12	2.7	CC	8230-46
210	12	2.7	M	9230-46
210	100	2	SMP	PM52-101M
210	220	10	SMCH	PM1008S-221M
210	560	4.7	CC	5300-34
210	680	2	R	RL822-681K-RC
210	1000	4.74	SMPS	PM74SH-102M
210	1200	3.98	R	RL875S-122K

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
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R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
210	1500	7.15	R	RL855-152K
210	1800	3.21	R	RL895-182K
210	3300	4.71	CM	3000-332
213	25	2.64	V	70F255AI
213	27	2.64	V	70F275AI
215	330	5.1	CC	8250-331K
218	1200	8.3	SMP	PM1355-122K
220	0.0022	0.3	SMCH	PM0402T-2N2-RC
220	0.0027	0.4	SMCH	PM0402T-2N7-RC
220	1.5	1.3	SMCH	PM1008M-1R5K-RC
220	2.7	1.3	CC	79F2R7K-RC
220	4.7	1.25	SMCH	PM20S-4R7K
220	4.7	1.5	SMCH	PM1210G-4R7K-RC
220	4.7	1.7	SMCH	PM1210-4R7J
220	10	1.11	SMCH	PM1210H-100K
220	10	1.62	MS	9250-103
220	10	1.62	MS	9250A-103
220	68	2.6	SMCH	PM1812H-680K
220	82	1.5	SMP	PM52-820M
220	82	1.56	SMPS	PM42S-820
220	150	7.5	SMCH	PM1008S-151M
220	180	1.54	SMPS	PM428S-181
220	220	0.77	SMPS	PM1608S-221M
220	1500	4.7	R	RL875-152K
220	5600	14.9	R	6000-562K
220	8200	16	R	6100-822K-RC
225	12	2	SMCH	PM1812-120J
225	12	2	SMCH	PM1812G-120K-RC
225	390	4.2	V	73F394AF
229	18	2.28	V	70F185AI
229	22	2.28	V	70F225AI
230	1.2	1.2	SMCH	PM1008M-1R2K-RC
230	2.2	1.2	CC	79F2R2K-RC
230	4.7	0.35	CC	78F4R7J
230	4.7	1.2	M	9130-36
230	270	2.53	V	3500-271K
230	560	1.53	R	RL822-561K-RC
230	1000	2.72	R	RL875S-102K
230	1200	6.03	R	RL855-122K
230	1500	2.8	R	RL895-152K
230	2700	3.68	CM	3000-272
231	270	4.55	CC	8250-271K
240	0.18	1.25	SMCH	PM0603-R18J
240	1.8	1.1	CC	79F1R8K-RC
240	33	1.37	MS	9250-333
240	33	1.37	MS	9250A-333
240	56	2.2	SMCH	PM1812H-560K
240	68	1.3	SMPS	PM42S-680
240	150	1.35	SMPS	PM428S-151
240	220	2.19	V	3500-221K
240	470	2.46	SMPS	PM7032S-471M
240	470	3.4	CC	5300-33
240	600	2.4	SMT	PM3602-150
240	820	2.55	SMP	PM105-821K
240	820	3.55	SMPS	PM74SH-821M
240	1200	4.04	R	RL875-122K
240	1800	2.3	R	RL824-182K-RC
240	2200	2.8	R	RL824-222K-RC
240	4700	13.6	R	6000-472K
240	6800	13.2	R	6100-682K-RC
245	1	1.1	SMCH	PM1008M-1R0K-RC
245	6.8	2	CC	8230-40
245	6.8	2	M	9230-40
250	0.0068	0.32	SMCH	PM0402-6N8J
250	0.0082	0.37	SMCH	PM0402-8N2J
250	0.01	0.42	SMCH	PM0402-10NJ
250	0.012	0.5	SMCH	PM0402-12NJ
250	0.015	0.55	SMCH	PM0402-15NJ
250	0.022	2	SMCH	PM0603T-22NG-RC
250	0.027	2	SMCH	PM0603T-27NG-RC
250	0.033	2	SMCH	PM0603T-33NG-RC
250	0.1	0.3	SMCH	PM0805G-R10J
250	0.12	0.3	SMCH	PM0805G-R12J
250	0.15	0.4	SMCH	PM0805G-R15J
250	0.18	0.4	SMCH	PM0805G-R18J
250	0.22	0.5	SMCH	PM0805G-R22J
250	0.27	0.5	SMCH	PM0805G-R27J
250	0.33	0.55	SMCH	PM0805G-R33J
250	1.5	1	CC	79F1R5K-RC
250	3.9	0.32	CC	78F3R9J
250	3.9	1	M	9130-34
250	3.9	1.2	SMCH	PM20S-3R9K
250	3.9	1.3	SMCH	PM1210-3R9J
250	3.9	1.3	SMCH	PM1210G-3R9K-RC
250	8.2	1.32	MS	9250-822
250	8.2	1.32	MS	9250A-822
250	10	1.6	SMCH	PM1812-100J
250	10	1.6	SMCH	PM1812G-100K-RC
250	10	3	V	74F105AP
250	15	1.92	V	70F155AI
250	33	1	SMP	PM32-330M
250	33	3	M	9310-52
250	39	1.2	SMP	PM32-390M
250	56	0.9	SMP	PM52-560M
250	68	1.2	SMP	PM52-680M
250	68	4	V	74F685AI
250	100	2	V	73F104AF
250	120	2.2	V	73F124AF
250	120	6.2	SMCH	PM1008S-121M
250	150	2	SMP	PM1608-151M
250	150	2.5	V	73F154AF
250	180	2.07	V	3500-181K
250	180	2.9	V	73F184AF
250	220	3.2	V	73F224AF

Coil Type

CC - Conformal coated
R - Radial lead
SMT - Surface mount toroid
CM - Common mode
SMC - Surface mount common mode
T - Toroid
HD - Heavy duty
SMCH - Surface mount, chip
TB - Toroid mounted on base
M - Molded
SMP - Surface mount, power
V - Varnished
MS - Molded, shielded
SMPS - Surface mount, power, shielded
VHD - Varnished heavy duty

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
250	270	3.6	V	73F274AF
250	330	3.8	V	73F334AF
250	470	1.37	R	RL822-471K-RC
250	560	2.92	SMPS	PM73SH-561M
250	680	1.61	HD	5800-681
250	1000	5.28	R	RL855-102K
250	2200	3.12	CM	3000-222
250	6800	5.69	HD	5900-682
250	8200	6.32	HD	5900-822
250	10,000	7.3	HD	5900-103
251	220	3.48	CC	8250-221K
255	30	2.8	M	9310-50
260	0.33	1.2	SMCH	PM0805-R33K
260	0.82	1	SMCH	PM1008M-R82M-RC
260	1.2	0.9	CC	79F1R2K-RC
260	3.3	1.2	SMCH	PM1210-3R3J
260	3.3	1.2	SMCH	PM1210G-3R3K-RC
260	3.9	3.6	SMCH	PM1008-3R9K
260	4.7	2.6	M	9310-28
260	4.7	4	SMCH	PM1008-4R7K
260	5.6	1.8	CC	8230-38
260	5.6	1.8	M	9230-38
260	27	1.19	MS	9250-273
260	27	1.19	MS	9250A-273
260	27	2.6	M	9310-48
260	47	1.9	SMCH	PM1812H-470K
260	56	1.08	SMPS	PM42S-560
260	100	5.8	SMCH	PM1008S-101M
260	150	0.59	SMPS	PM1608S-151M
260	150	1.96	V	3500-151K
260	330	2	SMPS	PM7032S-331M
260	390	2.58	SMPS	PM73SH-391M
260	390	3	CC	5300-32
260	470	2.75	SMPS	PM73SH-471M
260	820	2.33	R	RL875S-821K
260	1200	2.92	SMT	PM3604-300
260	1800	2.8	CM	3000-182
265	22	2.5	M	9310-44
265	24	2.5	M	9310-46
267	12	1.68	V	70F125AI
269	1000	5.4	SMP	PM1355-102K
270	1	0.8	CC	79F1R0K-RC
270	3.3	0.34	CC	78F3R3J
270	3.3	0.85	M	9130-32
270	3.3	1.1	SMCH	PM20S-3R3K
270	8.2	1.4	SMCH	PM1812-8R2J
270	8.2	1.4	SMCH	PM1812G-8R2K-RC
270	120	1.27	SMPS	PM428S-121
270	120	1.73	V	3500-121K
270	680	2.9	SMPS	PM74SH-681M
270	1000	2.94	R	RL875-102K
270	1200	2.1	R	RL895-122K
270	1500	2.1	R	RL824-152K-RC
270	3900	9.9	R	6000-392K
270	5600	9.45	R	6100-562K-RC
270	22,000	4	CM	7356
275	8.2	1.9	V	74F826AP
275	100	1.8	CC	77F101J
277	10	1.56	V	70F105AI
277	180	3.08	CC	8250-181K
280	0.0015	0.2	SMCH	PM0402T-1N5-RC
280	0.0018	0.2	SMCH	PM0402T-1N8-RC
280	0.1	0.8	SMCH	PM1008M-R10M-RC
280	0.15	0.92	SMCH	PM0603-R15J
280	0.27	1.1	SMCH	PM0805-R27K
280	3.9	2.3	M	9310-26
280	6.8	0.65	SMCH	PM1210H-6R8M
280	6.8	1.02	MS	9250-682
280	6.8	1.02	MS	9250A-682
280	18	2.25	M	9310-42
280	39	1.6	SMCH	PM1812H-390K
280	47	0.922	SMPS	PM42S-470
280	82	4.2	SMCH	PM1008S-820M
280	330	1.5	SMP	PM73-331K
280	390	1.2	R	RL822-391K-RC
280	680	2.07	R	RL875S-681K
280	680	2.25	SMP	PM105-681K
280	1200	1.8	R	RL824-122K-RC
280	1500	2.47	CM	3000-152
285	6.8	1.2	SMCH	PM1812-6R8J
285	6.8	1.2	SMCH	PM1812G-6R8K-RC
288	9.1	1.44	V	70F916AI
288	820	4.7	SMP	PM1355-821K
290	0.82	0.74	CC	79FR82M-RC
290	2.2	2.8	SMCH	PM1008-2R2K
290	2.7	1	SMCH	PM20S-2R7K
290	2.7	1.1	SMCH	PM1210-2R7J
290	2.7	1.1	SMCH	PM1210G-2R7K-RC
290	2.7	3.2	SMCH	PM1008-2R7K
290	3.3	3.4	SMCH	PM1008-3R3K
290	22	0.96	MS	9250-223
290	22	0.96	MS	9250A-223
290	82	1.62	CC	77F820J
290	100	1.02	SMPS	PM428S-101
290	100	1.5	V	3500-101K
290	270	1.31	SMP	PM73-271K
290	330	2.4	CC	5300-31
290	400	1.6	SMT	PM3602-100
290	1000	2.9	R	RL622-102K-RC
290	3300	9.1	R	6000-332K
290	4700	8.23	R	6100-472K-RC
294	150	2.79	CC	8250-151K
300	0.001	0.12	SMCH	PM0402-1N0
300	0.0012	0.12	SMCH	PM0402-1N2

Coil Type

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CM - Common mode
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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
300	0.0015	0.1	SMCH	PM0603H-1N5
300	0.0015	0.1	SMCH	PM0805H-1N5
300	0.0015	0.13	SMCH	PM0402-1N5
300	0.0018	0.1	SMCH	PM0603H-1N8
300	0.0018	0.1	SMCH	PM0805H-1N8
300	0.0018	0.14	SMCH	PM0402-1N8
300	0.0018	0.2	SMCH	PM0603T-1N8-RC
300	0.0022	0.1	SMCH	PM0603H-2N2
300	0.0022	0.1	SMCH	PM0805H-2N2
300	0.0022	0.16	SMCH	PM0402-2N2
300	0.0022	0.2	SMCH	PM0603T-2N2-RC
300	0.0027	0.1	SMCH	PM0603H-2N7
300	0.0027	0.1	SMCH	PM0805H-2N7
300	0.0027	0.17	SMCH	PM0402-2N7
300	0.0027	0.2	SMCH	PM0603T-2N7-RC
300	0.0033	0.12	SMCH	PM0603H-3N3
300	0.0033	0.13	SMCH	PM0805H-3N3
300	0.0033	0.19	SMCH	PM0402-3N3
300	0.0033	0.2	SMCH	PM0603T-3N3-RC
300	0.0039	0.14	SMCH	PM0603H-3N9
300	0.0039	0.15	SMCH	PM0805H-3N9
300	0.0039	0.2	SMCH	PM0603T-3N9-RC
300	0.0039	0.22	SMCH	PM0402-3N9
300	0.0047	0.16	SMCH	PM0603H-4N7
300	0.0047	0.2	SMCH	PM0603T-4N7-RC
300	0.0047	0.2	SMCH	PM0805H-4N7
300	0.0047	0.24	SMCH	PM0402-4N7
300	0.0056	0.18	SMCH	PM0603H-5N6
300	0.0056	0.23	SMCH	PM0805H-5N6
300	0.0056	0.27	SMCH	PM0402-5N6
300	0.0056	0.5	SMCH	PM0603T-5N6-RC
300	0.0068	0.22	SMCH	PM0603H-6N8J
300	0.0068	0.25	SMCH	PM0805H-6N8J
300	0.0068	0.5	SMCH	PM0603T-6N8-RC
300	0.0082	0.24	SMCH	PM0603H-8N2J
300	0.0082	0.28	SMCH	PM0805H-8N2J
300	0.0082	0.5	SMCH	PM0603T-8N2-RC
300	0.01	0.26	SMCH	PM0603H-10NJ
300	0.01	0.3	SMCH	PM0805H-10NJ
300	0.01	1	SMCH	PM0603T-10NG-RC
300	0.012	0.28	SMCH	PM0603H-12NJ
300	0.012	0.35	SMCH	PM0805H-12NJ
300	0.012	1	SMCH	PM0603T-12NG-RC
300	0.015	0.32	SMCH	PM0603H-15NJ
300	0.015	0.4	SMCH	PM0805H-15NJ
300	0.015	1	SMCH	PM0603T-15NG-RC
300	0.018	0.35	SMCH	PM0603H-18NJ
300	0.018	0.45	SMCH	PM0805H-18NJ
300	0.018	2	SMCH	PM0603T-18NG-RC
300	0.022	0.4	SMCH	PM0603H-22NJ
300	0.022	0.5	SMCH	PM0805H-22NJ
300	0.027	0.45	SMCH	PM0603H-27NJ
300	0.027	0.55	SMCH	PM0805H-27NJ
300	0.033	0.55	SMCH	PM0603H-33NJ
300	0.033	0.6	SMCH	PM0805H-33NJ
300	0.039	0.6	SMCH	PM0603H-39NJ
300	0.039	0.65	SMCH	PM0805H-39NJ
300	0.047	0.2	SMCH	PM0805G-R047J
300	0.047	0.7	SMCH	PM0603H-47NJ
300	0.047	0.7	SMCH	PM0805H-47NJ
300	0.056	0.75	SMCH	PM0603H-56NJ
300	0.056	0.75	SMCH	PM0805H-56NJ
300	0.068	0.2	SMCH	PM0805G-R068J
300	0.068	0.8	SMCH	PM0805H-68NJ
300	0.068	0.85	SMCH	PM0603H-68NJ
300	0.082	0.2	SMCH	PM0805G-R082J
300	0.082	0.75	SMCH	PM1008M-R082M-RC
300	0.082	0.9	SMCH	PM0805H-82NJ
300	0.082	0.95	SMCH	PM0603H-82NJ
300	0.1	0.9	SMCH	PM0805H-100NJ
300	0.1	1	SMCH	PM0603H-100NJ
300	0.12	0.65	SMCH	PM0603-R12J
300	0.12	0.95	SMCH	PM0805H-120NJ
300	0.15	1	SMCH	PM0805H-150NJ
300	0.18	1.1	SMCH	PM0805H-180NJ
300	0.22	1.2	SMCH	PM0805H-220NJ
300	0.27	0.95	SMCH	PM0805H-270NJ
300	0.33	1	SMCH	PM0805H-330NJ
300	0.39	1.1	SMCH	PM0805H-390NJ
300	0.47	1.2	SMCH	PM0805H-470NJ
300	0.68	0.85	SMCH	PM1008M-R68M-RC
300	1.8	2.6	SMCH	PM1008-1R8K
300	3.3	2	M	9310-24
300	5.6	1.1	SMCH	PM1812-5R6J
300	5.6	1.1	SMCH	PM1812G-5R6K-RC
300	6.8	1.85	V	74F686AP
300	15	0.5	SMP	PM32-150M
300	18	0.55	SMP	PM32-180M
300	18	0.89	MS	9250-183
300	18	0.89	MS	9250A-183
300	22	0.6	SMP	PM32-220M
300	27	0.7	SMP	PM32-270M
300	33	1.4	SMCH	PM1812H-330K
300	39	0.709	SMPS	PM42S-390
300	47	0.8	SMP	PM52-470M
300	56	3.75	V	74F565AI
300	68	3.8	SMCH	PM1008S-680M
300	100	0.48	SMPS	PM1608S-101M
300	100	1.27	SMP	PM1608-101M
300	330	2.7	SMP	PM3308-331M
300	470	0.95	SMP	PM3340-471M
300	820	2.56	R	RL875-821K
300	1000	1.84	R	RL895-102K
300	1000	2.12	SMT	PM3604-250

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
300	1000	3	SMP	PM3316-103M
305	68	1.47	CC	77F680J
308	680	4.1	SMP	PM1355-681K
310	0.68	0.67	CC	79FR68M-RC
310	27.4	0.324	SMP	PM600-03
310	220	1.2	SMP	PM73-221K
310	270	2.1	CC	5300-30
310	330	1.84	SMPS	PM73SH-331M
310	560	1.61	R	RL875S-561K
310	560	2.17	SMPS	PM74SH-561M
310	820	3.82	R	RL855-821K
310	1000	1.6	R	RL824-102K-RC
311	120	2.45	CC	8250-121K
315	4.7	1	SMCH	PM1812-4R7J
315	4.7	1	SMCH	PM1812G-4R7K-RC
315	15	0.8	MS	9250-153
315	15	0.8	MS	9250A-153
315	470	1.15	HD	5800-471
315	560	1.27	HD	5800-561
315	5600	3.92	HD	5900-562
320	0.036	0.403	SMCH	PM0402C-36NJ
320	0.04	0.438	SMCH	PM0402C-40NJ
320	0.068	0.7	SMCH	PM1008M-R068M-RC
320	0.56	0.61	CC	79FR56M-RC
320	2.2	0.9	SMCH	PM20S-2R2K
320	2.2	1	SMCH	PM1210-2R2J
320	2.2	1	SMCH	PM1210G-2R2K-RC
320	4.7	0.52	SMCH	PM1210H-4R7M
320	4.7	1.2	CC	8230-36
320	4.7	1.2	M	9230-36
320	33	0.394	SMPS	PM42S-330
320	56	1.34	CC	77F560J
320	82	0.915	SMPS	PM428S-820
320	220	1.9	CC	5300-29
320	270	1.81	SMPS	PM73SH-271M
320	300	1.31	SMT	PM3602-300
320	560	1.904	SMP	PM104-561K
320	680	3.25	R	RL855-681K
320	820	1.57	R	RL895-821K
320	1200	1.89	CM	3000-122
320	2700	8.2	R	6000-272K
320	3900	6.62	R	6100-392K-RC
322	100	2.28	CC	8250-101K
325	0.56	0.75	SMCH	PM1008M-R56M-RC
325	15	2.3	CC	8250-150K
328	68	2.2	CC	8250-680K
330	0.47	0.56	CC	79FR47M-RC
330	1.5	2.3	SMCH	PM1008-1R5K
330	3.9	0.9	SMCH	PM1812-3R9J
330	3.9	0.9	SMCH	PM1812G-3R9K-RC
330	27	1.2	SMCH	PM1812H-270K
330	82	1.2	V	3500-820K
330	220	1.26	SMPS	PM7032S-221M
330	250	1.19	SMT	PM3602-250
330	270	1.3	SMPS	PM74SB-271K
330	330	0.9	R	RL822-331K-RC
330	470	1.5	SMPS	PM105SB-471K
330	470	1.85	SMPS	PM74SH-471M
330	560	1.9	SMP	PM105-561K
330	680	1.96	R	RL875-681K
330	800	1.88	SMT	PM3604-200
335	5.6	0.72	MS	9250-562
335	5.6	0.72	MS	9250A-562
340	0.056	0.65	SMCH	PM1008M-R056M-RC
340	1.2	2	SMCH	PM1008-1R2K
340	47	1.22	CC	77F470J
340	470	1.44	R	RL875S-471K
340	470	1.96	SMP	PM75-471K
349	82	1.96	CC	8250-820K
350	0.39	0.51	CC	79FR39M-RC
350	0.47	0.68	SMCH	PM1008M-R47M-RC
350	1	1	CC	8230-20
350	1	1	M	9230-20
350	1.8	0.85	SMCH	PM20S-1R8K
350	1.8	0.9	SMCH	PM1210-1R8J
350	1.8	0.9	SMCH	PM1210G-1R8K-RC
350	3.9	1	CC	8230-34
350	3.9	1	M	9230-34
350	5.6	1.8	V	74F566AP
350	10	0.35	SMP	PM32-100M
350	12	0.4	SMP	PM32-120M
350	27	0.441	SMPS	PM42S-270
350	39	0.7	SMP	PM52-390M
350	39	1.12	CC	77F390J
350	47	3.5	V	74F475AI
350	68	0.699	SMPS	PM428S-680
350	220	1.5	SMPS	PM73SH-221M
350	220	1.57	SMP	PM54-221K
350	270	0.8	R	RL822-271K-RC
350	390	1.34	SMPS	PM105SB-391K
350	470	1.526	SMP	PM104-471K
350	560	2.83	R	RL855-561K
350	680	1.18	R	RL895-681K
350	820	1.8	R	RL622-821K-RC
350	3300	5.63	R	6100-332K-RC
350	10,000	2.2	CM	7355
355	2.7	0.3	CC	78F2R7K
355	2.7	0.55	M	9130-30
355	3.3	0.8	SMCH	PM1812-3R3J
355	3.3	0.8	SMCH	PM1812G-3R3K-RC
360	0.047	0.56	SMCH	PM1008M-R047M-RC
360	23.3	0.094	SMP	PM620-05
360	100	1.2	SMPS	PM518S-101
360	180	1.02	SMP	PM73-181K

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SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
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V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
360	220	1.18	SMPS	PM74SB-221K
360	272	1.04	SMT	PM3602-68
360	390	1.63	SMPS	PM74SH-391M
360	390	1.77	SMP	PM75-391K
360	560	1.72	R	RL875-561K
360	820	2	SMPS	PM125S-821M
360	2200	5.9	R	6000-222K
368	12	1.76	CC	8250-120K
370	0.33	0.48	CC	79FR33M-RC
370	0.82	0.59	MS	9250-821
370	0.82	0.59	MS	9250A-821
370	1	1.75	SMCH	PM1008-1R0K
370	1.5	0.75	SMCH	PM20S-1R5K
370	1.5	0.85	SMCH	PM1210-1R5J
370	1.5	0.85	SMCH	PM1210G-1R5K-RC
370	2.7	0.75	SMCH	PM1812-2R7J
370	2.7	0.75	SMCH	PM1812G-2R7K-RC
370	15	1.4	M	9310-40
370	22	0.9	SMCH	PM1812H-220K
370	33	1.03	CC	77F330J
370	68	1.117	SMP	PM43-680K
370	330	1.2	SMPS	PM105SB-331K
370	390	1.28	R	RL875S-391K
373	560	2.8	SMP	PM1355-561K
375	0.39	0.65	SMCH	PM1008M-R39M-RC
380	0.039	0.5	SMCH	PM1008M-R039M-RC
380	0.27	0.43	CC	79FR27M-RC
380	0.82	0.85	CC	8230-18
380	0.82	0.85	M	9230-18
380	2.2	0.7	SMCH	PM1812-2R2J
380	2.2	0.7	SMCH	PM1812G-2R2K-RC
380	3.3	0.85	CC	8230-32
380	3.3	0.85	M	9230-32
380	4.7	0.55	MS	9250-472
380	4.7	0.55	MS	9250A-472
380	56	1.64	CC	8250-560K
380	68	0.888	V	3500-680K
380	180	1.25	SMPS	PM73SH-181M
380	180	1.38	SMP	PM54-181K
380	180	1.4	CC	5300-28
380	200	0.88	SMT	PM3602-50
380	220	0.68	R	RL822-221K-RC
380	390	1.245	SMP	PM104-391K
380	470	1.95	R	RL855-471K
380	470	2.7	SMP	PM1355-471K
380	680	1.6	R	RL622-681K-RC
380	1000	1.38	CM	3000-102
380	2700	5.41	R	6100-272K-RC
385	1	0.15	CC	78F1R0K
385	1	1	M	9130-20
385	2.7	1.2	M	9310-22
390	0.0012	0.1	SMCH	PM0402T-1N2-RC
390	1.2	0.65	SMCH	PM20S-1R2K
390	1.2	0.75	SMCH	PM1210-1R2J
390	1.2	0.75	SMCH	PM1210G-1R2K-RC
390	1.8	0.65	SMCH	PM1812-1R8J
390	1.8	0.65	SMCH	PM1812G-1R8K-RC
390	27	0.94	CC	77F270K
390	330	1.32	SMPS	PM74SH-331M
390	600	1.28	SMT	PM3604-150
390	1000	1.5	R	RL110S-102K
390	1800	5.3	R	6000-182K
395	2.2	0.28	CC	78F2R2K
395	2.2	0.4	M	9130-28
400	0.001	0.1	SMCH	PM0402T-1N0-RC
400	0.023	0.214	SMCH	PM0402C-23NJ
400	0.027	0.298	SMCH	PM0402C-27NJ
400	0.033	0.46	SMCH	PM1008M-R033M-RC
400	0.072	0.49	SMCH	PM0603-72NJ
400	0.082	0.42	SMCH	PM0805-82NK
400	0.082	0.54	SMCH	PM0603-82NJ
400	0.1	0.46	SMCH	PM0805-R10K
400	0.1	0.58	SMCH	PM0603-R10J
400	0.12	0.51	SMCH	PM0805-R12K
400	0.15	0.56	SMCH	PM0805-R15K
400	0.18	0.64	SMCH	PM0805-R18K
400	0.22	0.4	CC	79FR22M-RC
400	0.22	0.7	SMCH	PM0805-R22K
400	0.33	0.6	SMCH	PM1008M-R33M-RC
400	0.56	1.33	SMCH	PM1008-R56K
400	0.68	1.47	SMCH	PM1008-R68K
400	0.82	1.61	SMCH	PM1008-R82K
400	1	0.6	SMCH	PM20S-1R0K
400	1	0.7	SMCH	PM1210-1R0J
400	1	0.7	SMCH	PM1210G-1R0K-RC
400	3.3	0.33	SMCH	PM1210H-3R3M
400	4.7	1	V	74F476AP
400	6.8	0.25	SMP	PM32-6R8M
400	8.2	0.3	SMP	PM32-8R2M
400	18	0.8	SMCH	PM1812H-180K
400	33	0.6	SMP	PM52-330M
400	39	2.6	V	74F395AI
400	47	1.48	CC	8250-470K
400	47	2.5	SMCH	PM1008S-470M
400	68	0.29	SMPS	PM1608S-680M
400	68	0.86	SMP	PM1608-680M
400	100	3	V	4632
400	150	0.755	SMP	PM73-151K
400	150	1.1	SMP	PM54-151K
400	180	0.6	R	RL822-181K-RC
400	180	1	SMPS	PM74SB-181K
400	200	0.84	SMT	PM3602-200
400	220	1.9	SMP	PM3308-221M
400	270	0.557	HD	5800-271

Coil Type

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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
400	330	0.665	HD	5800-331
400	330	1.26	SMP	PM75-331K
400	390	0.772	HD	5800-391
400	560	1.01	R	RL895-561K
400	680	1.78	SMPS	PM125S-681M
400	680	2.02	SMP	PM3316-680M
400	820	0.86	R	RL824-821K-RC
400	1000	1.53	SMPS	PM125SH-102M
400	2700	2.06	HD	5900-272
400	3300	2.53	HD	5900-332
400	3900	2.75	HD	5900-392
400	4700	3.19	HD	5900-472
400	8000	2	CM	7354
400	45,000	2.68	CM	7418-RC
404	12	1.1	M	9310-38
410	0.027	0.42	SMCH	PM1008M-R027M-RC
410	1.5	0.6	SMCH	PM1812-1R5J
410	1.5	0.6	SMCH	PM1812G-1R5K-RC
410	22	0.397	SMPS	PM42S-220
410	22	0.84	CC	77F220K
410	56	0.625	SMPS	PM428S-560
410	82	0.978	SMPS	PM518S-820
410	150	1.2	CC	5300-27
410	270	0.87	SMPS	PM105SB-271K
410	330	0.97	R	RL875S-331K
410	390	1.67	R	RL855-391K
410	470	1.34	R	RL875-471K
410	560	1.4	R	RL622-561K-RC
410	820	1.16	CM	3000-821
415	0.82	0.12	CC	78FR82K
415	0.82	0.85	M	9130-18
420	0.022	0.38	SMCH	PM1008M-R022M-RC
420	0.27	0.56	SMCH	PM1008M-R27M-RC
420	0.68	0.45	MS	9250-681
420	0.68	0.45	MS	9250A-681
420	56	0.937	SMP	PM43-560K
420	68	0.82	SMPS	PM63SB-680L
420	100	0.52	SMPS	PM528S-101
420	150	0.54	R	RL822-151K-RC
420	270	1.11	SMP	PM75-271K
420	330	1.1	SMP	PM104-331K
420	470	1.48	SMP	PM105-471K
420	2200	4.26	R	6100-222K-RC
429	39	1.28	CC	8250-390K
430	0.22	0.52	SMCH	PM1008M-R22M-RC
430	1.2	0.55	SMCH	PM1812-1R2J
430	1.2	0.55	SMCH	PM1812G-1R2K-RC
430	18	0.77	CC	77F180K
430	68	0.84	SMPS	PM518S-680
430	150	0.78	SMPS	PM7032S-151M
430	470	0.89	R	RL895-471K
430	820	1.3	R	RL110S-821K
430	820	1.34	SMPS	PM125SH-821M
430	1500	3.8	R	6000-152K
435	2.2	0.95	M	9310-20
436	390	2.05	SMP	PM1355-391K
440	47	0.844	SMP	PM43-470K
440	56	0.687	V	3500-560K
440	150	0.94	SMPS	PM74SB-151K
440	270	1.08	SMPS	PM74SH-271M
440	330	1.47	R	RL855-331K
440	390	1017	R	RL875-391K
440	560	1.34	SMPS	PM125S-561M
440	680	0.79	R	RL824-681K-RC
445	10	0.9	M	9310-36
450	0.01	0.13	SMCH	PM1210-R010K
450	0.012	0.14	SMCH	PM1210-R012K
450	0.015	0.16	SMCH	PM1210-R015K
450	0.018	0.18	SMCH	PM1210-R018K
450	0.018	0.34	SMCH	PM1008M-R018M-RC
450	0.022	0.2	SMCH	PM1210-R022K
450	0.027	0.22	SMCH	PM1210-R027K
450	0.033	0.24	SMCH	PM1210-R033J
450	0.039	0.27	SMCH	PM1210-R039J
450	0.047	0.3	SMCH	PM1210-R047J
450	0.056	0.33	SMCH	PM1210-R056J
450	0.068	0.36	SMCH	PM1210-R068J
450	0.082	0.4	SMCH	PM1210-R082J
450	0.1	0.44	SMCH	PM1210-R10J
450	0.1	0.5	SMCH	PM20S-R10M
450	0.12	0.22	SMCH	PM1210G-R12K-RC
450	0.12	0.22	SMCH	PM1210-R12J
450	0.15	0.25	SMCH	PM1210G-R15K-RC
450	0.15	0.25	SMCH	PM1210-R15J
450	0.18	0.08	CC	78FR18M
450	0.18	0.28	SMCH	PM1210G-R18K-RC
450	0.18	0.28	SMCH	PM1210-R18J
450	0.22	0.32	SMCH	PM1210G-R22K-RC
450	0.22	0.32	SMCH	PM1210-R22J
450	0.27	0.36	SMCH	PM1210G-R27K-RC
450	0.27	0.36	SMCH	PM1210-R27J
450	0.33	0.4	SMCH	PM1210G-R33K-RC
450	0.33	0.4	SMCH	PM1210-R33J
450	0.33	1.05	SMCH	PM1008-R33K
450	0.39	0.45	SMCH	PM1210G-R39K-RC
450	0.39	0.45	SMCH	PM1210-R39J
450	0.47	0.5	SMCH	PM1210G-R47K-RC
450	0.47	0.5	SMCH	PM1210-R47J
450	0.56	0.55	SMCH	PM1210G-R56K-RC
450	0.56	0.55	SMCH	PM1210-R56J
450	0.68	0.48	SMCH	PM20S-R68M
450	0.68	0.6	CC	8230-16
450	0.68	0.6	M	9230-16
450	0.68	0.6	SMCH	PM1210G-R68K-RC

Coil Type

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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
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V - Varnished
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
450	0.68	0.6	SMCH	PM1210-R68J
450	0.82	0.5	SMCH	PM20S-R82M
450	0.82	0.65	SMCH	PM1210G-R82K-RC
450	0.82	0.65	SMCH	PM1210-R82J
450	1	0.5	SMCH	PM1812-1R0J
450	1	0.5	SMCH	PM1812G-1R0K-RC
450	3.9	0.4	MS	9250-392
450	3.9	0.4	MS	9250A-392
450	5.6	0.23	SMP	PM32-5R6M
450	15	0.7	SMCH	PM1812H-150K
450	27	0.55	SMP	PM52-270M
450	27	1.85	V	74F275AI
450	33	2	V	74F335AI
450	39	1.85	SMCH	PM1008S-390M
450	82	1.9	V	4631
450	270	0.86	R	RL875S-271K
450	270	0.949	SMP	PM104-271K
450	560	0.69	R	RL824-561K-RC
455	0.56	0.45	SMCH	PM20S-R56M
455	1.8	0.25	CC	78F1R8K
455	1.8	0.3	M	9130-26
460	0.082	0.45	SMCH	PM20S-R082M
460	0.18	0.46	SMCH	PM1008M-R18M-RC
460	0.47	0.44	SMCH	PM20S-R47M
460	15	0.72	CC	77F150K
460	56	0.72	SMPS	PM63SB-560L
460	82	0.463	SMPS	PM528S-820
460	220	0.96	SMPS	PM74SH-221M
460	330	1.05	R	RL875-331K
460	470	1.1	R	RL622-471K-RC
463	330	1.82	SMP	PM1355-331K
465	0.39	0.4	SMCH	PM20S-R39M
470	0.39	1.12	SMCH	PM1008-R39K
470	0.47	1.19	SMCH	PM1008-R47K
470	12.2	0.137	SMP	PM600-04
470	120	0.9	CC	5300-26
470	150	0.6	SMT	PM3602-150
470	220	0.78	SMPS	PM105SB-221K
470	680	0.897	CM	3000-681
470	680	1.2	R	RL110S-681K
470	1800	3.65	R	6100-182K-RC
475	0.068	0.35	SMCH	PM20S-R068M
475	0.33	0.36	SMCH	PM20S-R33M
475	0.82	0.45	SMCH	PM1812G-R82K-RC
475	0.82	0.45	SMCH	PM1812-R82K
475	62	1.2	V	4630
480	0.01	0.195	SMCH	PM0402C-10NJ
480	0.015	0.31	SMCH	PM1008M-R015M-RC
480	0.019	0.202	SMCH	PM0402C-19NJ
480	0.15	0.42	SMCH	PM1008M-R15M-RC
480	2.2	0.26	SMCH	PM1210H-2R2M
480	3.3	0.35	MS	9250-332
480	3.3	0.35	MS	9250A-332
480	12	0.63	CC	77F120K
480	18	0.338	SMPS	PM42S-180
480	47	0.587	SMPS	PM428S-470
480	120	0.93	SMP	PM54-121K
480	390	0.69	R	RL895-391K
480	390	1	R	RL622-391K-RC
480	390	1.3	SMP	PM105-391K
480	470	0.62	R	RL824-471K-RC
480	470	1.2	SMPS	PM125S-471M
480	680	1.2	SMPS	PM125SH-681M
480	1200	3.4	R	6000-122K
485	0.056	0.28	SMCH	PM20S-R056M
489	270	1.63	SMP	PM1355-271K
490	0.56	0.33	MS	9250-561
490	0.56	0.33	MS	9250A-561
490	120	0.536	SMP	PM73-121K
490	120	0.68	SMPS	PM74SB-121K
490	132	0.56	SMT	PM3602-33
490	220	0.96	SMP	PM75-221K
490	270	1.28	R	RL855-271K
490	400	0.84	SMT	PM3604-100
495	0.047	0.26	SMCH	PM20S-R047M
495	0.56	0.5	CC	8230-14
495	0.56	0.5	M	9230-14
495	0.68	0.12	CC	78FR68K
495	0.68	0.6	M	9130-16
495	2.7	0.5	CC	8230-30
495	2.7	0.5	M	9230-30
500	0.012	0.27	SMCH	PM1008M-R012M-RC
500	0.022	0.22	SMCH	PM0805-22NM
500	0.027	0.25	SMCH	PM0805-27NM
500	0.033	0.02	CC	78FR033M
500	0.033	0.27	SMCH	PM0805-33NM
500	0.039	0.29	SMCH	PM0805-39NM
500	0.047	0.31	SMCH	PM0805-47NM
500	0.056	0.34	SMCH	PM0805-56NK
500	0.068	0.38	SMCH	PM0805-68NK
500	0.1	0.06	CC	78FR10M
500	0.12	0.06	CC	78FR12M
500	0.15	0.07	CC	78FR15M
500	0.22	0.84	SMCH	PM1008-R22K
500	0.27	0.33	SMCH	PM20S-R27M
500	0.27	0.91	SMCH	PM1008-R27K
500	0.68	0.4	SMCH	PM1812G-R68K-RC
500	0.68	0.4	SMCH	PM1812-R68K
500	3.9	0.2	SMP	PM32-3R9M
500	3.9	0.8	V	74F396AP
500	10	0.58	CC	77F100K
500	10	1.5	V	4612
500	12	0.6	SMCH	PM1812H-120K
500	15	0.24	SMPS	PM42S-150

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
500	18	0.45	SMP	PM52-180M
500	22	0.5	SMP	PM52-220M
500	22	2	V	74F225AI
500	33	1.6	SMCH	PM1008S-330M
500	39	0.384	SMPS	PM428S-390
500	47	0.23	SMPS	PM1608S-470M
500	47	0.51	SMPS	PM63SB-470L
500	47	0.64	SMP	PM1608-470M
500	55	1	V	4629
500	56	0.665	SMPS	PM518S-560
500	150	0.74	SMPS	PM73SH-151M
500	150	1.2	SMP	PM3308-151M
500	180	0.57	SMPS	PM105SB-181K
500	220	0.76	R	RL875S-221K
500	330	0.99	SMPS	PM124SH-331M
500	470	1.27	SMP	PM3316-471M
500	2200	2	HD	5900-222
500	5000	1	CM	7353
500	30,000	1.73	CM	7416-RC
505	33	0.928	CC	8250-330K
508	120	0.283	HD	5800-121
508	150	0.34	HD	5800-151
508	180	0.362	HD	5800-181
508	220	0.43	HD	5800-221
510	47	0.502	V	3500-470K
510	100	0.481	SMP	PM73-101K
510	100	0.54	SMPS	PM7032S-101M
510	180	0.71	SMP	PM75-181K
510	270	0.88	R	RL875-271K
510	330	0.61	R	RL895-331K
510	1000	2.9	R	6000-102K
510	1500	2.5	R	6100-152K-RC
518	8.2	0.744	V	70F826AI
520	0.12	0.37	SMCH	PM1008M-R12M-RC
520	0.56	0.36	SMCH	PM1812G-R56K-RC
520	0.56	0.36	SMCH	PM1812-R56K
520	11.2	0.065	SMP	PM620-06
520	39	0.587	SMP	PM43-390K
520	47	0.833	SMT	PM7518-470M
520	47	0.833	SMT	PM7518-470M
520	68	0.355	SMPS	PM528S-680
520	100	0.7	SMP	PM54-101K
520	300	0.73	SMT	PM3604-300
520	330	1.09	SMPS	PM104SH-331
520	330	1.15	SMP	PM105-331K
520	390	0.56	R	RL824-391K-RC
520	390	1.08	SMPS	PM125S-391M
520	560	0.742	CM	3000-561
520	560	1.1	R	RL110S-561K
525	1.8	0.65	M	9310-18
526	27	0.85	CC	8250-270K
530	0.01	0.26	SMCH	PM1008M-R010M-RC
530	0.039	0.24	SMCH	PM20S-R039M
530	8.2	0.52	CC	77F8R2K
530	39	0.47	SMPS	PM63SB-390L
530	120	0.65	SMPS	PM73SH-121M
530	220	0.721	SMP	PM104-221K
530	470	0.706	CM	3000-471
530	1000	1.7	R	RL110-102K
530	1000	2.01	SMPS	PM5022S-102M
532	10	1.27	CC	8250-100K
535	1.5	0.2	CC	78F1R5K
535	1.5	0.22	M	9130-24
535	2.7	0.28	MS	9250-272
535	2.7	0.28	MS	9250A-272
535	8.2	0.828	CC	8250-8R2K
540	47	0.595	SMPS	PM518S-470
540	82	0.406	SMP	PM73-820K
540	100	0.535	SMPS	PM628S-101
540	180	0.69	SMPS	PM74SH-181M
540	220	1.04	R	RL855-221K
540	330	0.85	R	RL622-331K-RC
540	560	0.86	SMPS	PM125SH-561M
545	0.47	0.32	SMCH	PM1812G-R47K-RC
545	0.47	0.32	SMCH	PM1812-R47K
545	0.56	0.11	CC	78FR56K
545	0.56	0.5	M	9130-14
545	8.2	0.6	M	9310-34
550	2.2	0.4	CC	8230-28
550	2.2	0.4	M	9230-28
550	6.8	0.48	CC	77F6R8K
550	10	0.5	SMCH	PM1812H-100K
550	15	0.4	SMP	PM52-150M
550	100	0.49	SMPS	PM74SB-101K
550	100	0.67	CC	5300-25
550	150	0.51	SMPS	PM105SB-151K
550	180	0.57	R	RL875S-181K
550	1000	1.82	SMPS	PM127SH-102M
560	0.015	0.172	SMCH	PM0402C-15NJ
560	6.8	0.75	CC	8250-6R8K
560	12	0.21	SMPS	PM42S-120
560	33	0.378	SMPS	PM428S-330
560	33	0.54	SMP	PM43-330K
560	100	0.58	SMPS	PM73SH-101M
560	120	0.32	R	RL822-121K-RC
560	180	0.621	SMP	PM104-181K
560	330	0.5	R	RL824-331K-RC
560	820	1.8	R	6000-821K
560	1000	1.8	SMP	PM5022-102M
565	0.22	0.3	SMCH	PM20S-R22M
565	0.47	0.25	MS	9250-471
565	0.47	0.25	MS	9250A-471
565	22	0.742	CC	8250-220K
566	6.8	0.624	V	70F686AI

Coil Type

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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
566	7.5	0.624	V	70F756AI
570	39	0.52	SMPS	PM518S-390
570	220	0.63	R	RL875-221K
570	270	0.53	R	RL895-271K
570	270	0.75	R	RL622-271K-RC
570	270	0.97	SMP	PM105-271K
570	330	0.8	SMPS	PM125S-331M
570	470	0.98	R	RL110S-471K
570	1200	2.2	R	6100-122K-RC
575	0.39	0.3	SMCH	PM1812-R39K
575	0.39	30	SMCH	PM1812G-R39K-RC
580	0.15	0.7	SMCH	PM1008-R15K
580	0.18	0.24	SMCH	PM20S-R18M
580	1.5	0.2	SMCH	PM1210H-1R5M
580	14.7	0.324	SMP	PM600-05
580	27	0.261	SMPS	PM428S-270
580	56	0.305	SMPS	PM528S-560
580	82	0.6	CC	5300-24
580	82	0.6	SMP	PM54-820K
580	100	0.28	R	RL822-101K-RC
580	100	0.4	SMT	PM3602-100
580	150	0.64	SMP	PM75-151K
580	220	1.16	SMP	PM1355-221K
580	470	0.77	SMPS	PM125SH-471M
585	0.033	0.18	SMCH	PM20S-R033M
590	0.47	0.35	CC	8230-12
590	0.47	0.35	M	9230-12
590	1.2	0.18	CC	78F1R2K
590	1.2	0.18	M	9130-22
590	5.6	0.43	CC	77F5R6K
590	39	0.371	V	3500-390K
590	68	0.332	SMP	PM73-680K
590	82	0.53	SMPS	PM73SH-820M
590	100	0.39	SMT	PM3602-25
590	680	1.6	R	6000-681K
590	820	1.3	R	RL110-821K
596	18	0.677	CC	8250-180K
600	0.0022	0.08	SMCH	PM0805-2N2M
600	0.0033	0.08	SMCH	PM0805-3N3M
600	0.0068	0.11	SMCH	PM0805-6N8M
600	0.0082	0.12	SMCH	PM0805-8N2M
600	0.012	0.15	SMCH	PM0805-12NM
600	0.015	0.17	SMCH	PM0805-15NM
600	0.018	0.2	SMCH	PM0805-18NM
600	0.033	0.23	SMCH	PM0603-33NJ
600	0.039	0.25	SMCH	PM0603-39NJ
600	0.047	0.28	SMCH	PM0603-47NJ
600	0.056	0.31	SMCH	PM0603-56NJ
600	0.068	0.34	SMCH	PM0603-68NJ
600	0.15	0.2	SMCH	PM20S-R15M
600	0.18	0.24	CC	79FR18M-RC
600	1.5	0.5	M	9310-16
600	3.3	0.15	SMP	PM32-3R3M
600	3.3	0.7	V	74F336AP
600	6.8	0.35	SMCH	PM1812H-6R8K
600	6.8	0.5	M	9310-32
600	8.2	0.4	SMCH	PM1812H-8R2K
600	8.2	1.2	V	4611
600	10	0.3	SMP	PM52-100M
600	12	0.35	SMP	PM52-120M
600	33	0.19	SMPS	PM1608S-330M
600	33	0.51	SMP	PM1608-330M
600	39	0.65	V	4628
600	82	0.39	SMPS	PM628S-820
600	100	0.84	SMP	PM3308-101M
600	150	0.51	R	RL875S-151K
600	250	0.53	SMT	PM3604-250
600	270	0.48	R	RL824-271K-RC
600	270	0.88	SMPS	PM124SH-271M
600	272	0.56	SMT	PM3604-68
600	330	0.7	SMP	PM3340-331M
600	330	1.02	SMP	PM3316-331M
600	820	1.64	SMPS	PM127SH-821M
600	1200	1.04	HD	5900-122
600	1500	1.18	HD	5900-152
600	1800	1.56	HD	5900-182
600	20,000	1.11	CM	7414-RC
605	0.33	0.28	SMCH	PM1812G-R33K-RC
605	0.33	0.28	SMCH	PM1812-R33K
610	0.027	0.17	SMCH	PM20S-R027M
610	10	0.2	SMPS	PM42S-100
610	33	0.346	V	3500-330K
610	33	0.41	SMPS	PM63SB-330L
610	68	0.46	SMP	PM54-680K
610	68	0.53	CC	5300-23
610	150	0.544	SMP	PM104-151K
612	180	1.04	SMP	PM1355-181K
620	0.15	0.22	CC	79FR15M-RC
620	0.18	0.77	SMCH	PM1008-R18K
620	4.7	0.39	CC	77F4R7K
620	27	0.522	SMP	PM43-270M
620	47	0.26	SMPS	PM528S-470
620	68	0.37	SMPS	PM7032S-680M
620	82	0.43	SMPS	PM74SB-820L
620	150	0.54	SMPS	PM74SH-151M
620	180	0.89	R	RL855-181K
620	390	0.515	CM	3000-391
620	390	0.69	R	RL110S-391K
620	1000	1.55	R	6100-102K-RC
630	0.12	0.2	SMCH	PM20S-R12M
630	80	0.34	SMT	PM3602-20
630	120	0.37	SMPS	PM105SB-121K
630	270	0.7	SMPS	PM125S-271M
632	100	0.208	HD	5800-101

Coil Type

CC - Conformal coated
CM - Common mode
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SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
635	0.27	0.26	SMCH	PM1812G-R27K-RC
635	0.27	0.26	SMCH	PM1812-R27K
637	5.6	0.492	V	70F566AI
640	0.011	0.12	SMCH	PM0402C-11NJ
640	0.012	0.12	SMCH	PM0402C-12NJ
640	0.022	0.15	SMCH	PM20S-R022M
640	0.39	0.3	CC	8230-10
640	0.39	0.3	M	9230-10
640	1.8	0.3	CC	8230-26
640	1.8	0.3	M	9230-26
640	3.9	0.37	CC	77F3R9K
640	27	0.36	SMPS	PM63SB-270M
640	33	0.556	SMT	PM7518-330M
640	33	0.556	SMT	PM7518-330M
640	56	0.282	SMP	PM73-560K
640	200	0.48	SMT	PM3604-50
640	220	0.38	R	RL895-221K
640	220	0.65	R	RL622-221K-RC
640	560	1.4	R	6000-561K
640	680	1.4	SMPS	PM5022S-681M
650	0.1	0.56	SMCH	PM1008-R10K
650	0.12	0.68	SMCH	PM1008-R12K
650	0.47	0.1	CC	78FR47K
650	0.47	0.35	M	9130-12
650	1.2	0.42	M	9310-14
650	2.2	0.19	MS	9250-222
650	2.2	0.19	MS	9250A-222
650	4.7	0.27	SMCH	PM1812H-4R7K
650	5.6	0.3	SMCH	PM1812H-5R6K
650	8.2	0.15	SMP	PM52-8R2M
650	22	1.4	SMCH	PM1008S-220M
650	33	0.386	SMPS	PM518S-330
650	56	0.47	CC	5300-22
650	68	0.304	SMPS	PM628S-680
650	100	0.358	SMPS	PM638S-101
650	200	0.47	SMT	PM3604-200
650	390	0.69	SMPS	PM125SH-391M
650	680	1.1	R	RL110-681K
658	150	0.9	SMP	PM1355-151K
660	0.12	0.2	CC	79FR12M-RC
660	120	0.47	SMPS	PM74SH-121M
660	120	0.47	SMP	PM75-121K
660	180	0.57	R	RL875-181K
660	220	0.73	SMP	PM105-221K
661	4.7	0.457	V	70F476AI
665	0.22	0.25	SMCH	PM1812G-R22K-RC
665	0.22	0.25	SMCH	PM1812-R22K
670	0.39	0.18	MS	9250-391
670	0.39	0.18	MS	9250A-391
670	3.3	0.34	CC	77F3R3K
670	21.6	0.202	SMP	PM610-03
670	68	0.41	SMPS	PM73SH-680M
670	82	0.25	R	RL822-820K-RC
670	120	0.36	R	RL875S-121K
670	150	0.71	R	RL855-151K
670	680	1.46	SMPS	PM127SH-681M
680	0.0075	0.104	SMCH	PM0402C-7N5J
680	0.0082	0.104	SMCH	PM0402C-8N2J
680	0.009	0.104	SMCH	PM0402C-9N0J
680	5.6	0.511	CC	8250-5R6K
680	8.2	0.245	SMPS	PM42S-8R2
680	22	0.378	SMP	PM43-220M
680	47	0.252	SMP	PM73-470M
680	56	0.42	SMP	PM54-560K
680	68	0.33	SMPS	PM74SB-680L
680	330	0.51	SMPS	PM125SH-331M
680	330	0.51	R	RL1110S-331K
680	470	1.1	R	6000-471K
690	0.018	0.13	SMCH	PM20S-R018M
690	100	0.43	SMPS	PM74SH-101M
690	120	0.396	SMP	PM104-121K
690	180	0.58	R	RL622-181K-RC
690	330	0.415	CM	3000-331
690	820	1.44	R	6100-821K-RC
700	0.0022	0.08	SMCH	PM0603-2N2
700	0.0039	0.08	SMCH	PM0603-3N9
700	0.0047	0.13	SMCH	PM0603-4N7
700	0.0068	0.11	SMCH	PM0603-6N8J
700	0.0082	0.11	SMCH	PM0603-8N2J
700	0.01	0.15	SMCH	PM0603-10NJ
700	0.012	0.13	SMCH	PM0603-12NJ
700	0.015	0.17	SMCH	PM0603-15NJ
700	0.018	0.17	SMCH	PM0603-18NJ
700	0.022	0.19	SMCH	PM0603-22NJ
700	0.027	0.23	SMCH	PM0603-27NJ
700	0.1	0.18	CC	79FR10M-RC
700	0.18	0.24	SMCH	PM1812G-R18K-RC
700	0.18	0.24	SMCH	PM1812-R18K
700	0.39	0.09	CC	78FR39K
700	0.39	0.3	M	9130-10
700	2.7	0.5	V	74F276AP
700	3.9	0.24	SMCH	PM1812H-3R9K
700	6.2	0.83	V	4610
700	6.8	0.14	SMP	PM52-6R8M
700	15	1.15	SMCH	PM1008S-150M
700	22	0.11	SMPS	PM1608S-220M
700	22	0.235	SMPS	PM428S-220
700	27	0.265	V	3500-270K
700	39	0.212	SMPS	PM528S-390
700	56	0.37	SMPS	PM73SH-560M
700	68	0.22	R	RL822-680K-RC
700	68	0.66	SMP	PM3308-680M
700	82	0.324	SMPS	PM638S-820
700	220	0.44	SMP	PM3340-221M

Coil Type

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M - Molded
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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
700	220	0.52	SMPS	PM125S-221M
700	220	0.756	SMPS	PM104SH-221
700	45,000	1.18	CM	7518-RC
710	4.7	0.168	CC	8250-4R7K
710	47	0.29	SMPS	PM7032S-470M
710	180	0.31	R	RL895-181K
710	560	1	R	RL110-561K
720	0.015	0.12	SMCH	PM20S-R015M
720	2.7	0.3	CC	77F2R7K
720	18	0.166	SMPS	PM428S-180
720	47	0.37	SMP	PM54-470L
720	68	0.26	SMT	PM3602-68
720	100	0.34	SMPS	PM105SB-101K
720	100	0.43	SMP	PM75-101K
720	150	0.42	R	RL875-151K
720	180	0.63	SMP	PM105-181K
720	680	1.2	SMP	PM5022-681M
725	0.82	0.45	CC	8250-R82K
730	0.15	0.22	SMCH	PM1812G-R15K-RC
730	0.15	0.22	SMCH	PM1812-R15K
730	56	0.277	SMPS	PM628S-560
730	60	0.25	SMT	PM3602-15
730	470	1.08	SMPS	PM5022S-471M
730	560	1.07	SMPS	PM127SH-561M
740	18	0.338	SMP	PM43-180M
740	39	0.217	SMP	PM73-390M
740	100	0.32	R	RL875S-101K
740	100	0.344	SMP	PM104-101K
740	150	0.27	R	RL895-151K
740	390	1	R	6000-391K
745	1.5	0.22	CC	8230-24
745	1.5	0.22	M	9230-24
750	0.012	0.11	SMCH	PM20S-R012M
750	2.2	0.08	SMP	PM32-2R2M
750	2.2	0.28	CC	77F2R2K
750	2.7	0.1	SMP	PM32-2R7M
750	3.3	0.22	SMCH	PM1812H-3R3K
750	5.6	0.32	M	9310-30
750	22	0.23	V	3500-220K
750	27	0.33	SMPS	PM518S-270
750	33	0.189	SMPS	PM528S-330
750	68	0.234	SMPS	PM638S-680
750	150	0.37	R	RL622-151K-RC
750	270	0.36	R	RL110S-271K
750	270	0.46	SMPS	PM125SH-271M
755	120	0.684	SMP	PM1355-121K
760	0.0056	0.083	SMCH	PM0402C-5N6J
760	0.0062	0.083	SMCH	PM0402C-6N2J
760	6.8	0.2	SMPS	PM42S-6R8
760	14.2	0.094	SMP	PM620-07
760	15	0.149	SMPS	PM428S-150
760	22	0.32	SMPS	PM63SB-220M
760	47	0.35	CC	5300-21
760	56	0.2	R	RL822-560K-RC
760	56	0.29	SMPS	PM74SB-560L
760	120	0.59	R	RL855-121K
760	270	0.345	CM	3000-271
760	680	1.09	R	6100-681K-RC
770	0.12	0.2	SMCH	PM1812G-R12K-RC
770	0.12	0.2	SMCH	PM1812-R12K
770	1	0.16	SMCH	PM1210H-1R0M
770	180	0.48	SMPS	PM125S-181M
775	1.8	0.14	MS	9250-182
775	1.8	0.14	MS	9250A-182
780	0.33	0.13	MS	9250-331
780	0.33	0.13	MS	9250A-331
780	0.33	0.2	CC	8230-08
780	0.33	0.2	M	9230-08
780	10	0.95	SMCH	PM1008S-100M
780	18	0.25	SMPS	PM63SB-180M
780	50	0.22	SMT	PM3602-50
780	82	0.37	SMP	PM75-820K
780	150	0.32	SMT	PM3604-150
780	150	0.47	SMP	PM105-151K
780	330	0.85	R	6000-331K
780	470	0.71	R	RL110-471K
790	0.68	0.382	CC	8250-R68K
790	1.8	0.25	CC	77F1R8K
790	47	0.17	R	RL822-470K-RC
790	82	0.28	SMPS	PM105SB-820L
790	220	0.316	CM	3000-221
790	470	0.98	SMPS	PM127SH-471M
793	100	0.62	SMP	PM1355-101K
800	0.001	0.2	SMCH	PM0603T-1N0-RC
800	0.0012	0.2	SMCH	PM0603T-1N2-RC
800	0.0015	0.2	SMCH	PM0603T-1N5-RC
800	0.0051	0.083	SMCH	PM0402C-5N1J
800	0.1	0.18	SMCH	PM1812G-R10K-RC
800	0.1	0.18	SMCH	PM1812-R10K
800	1.8	0.06	SMP	PM32-1R8M
800	2.2	0.3	V	74F226AP
800	2.4	0.012	SMPS	PM127SH-2R4N
800	2.7	0.2	SMCH	PM1812H-2R7K
800	5.6	0.17	SMPS	PM42S-5R6
800	15	0.09	SMPS	PM1608S-150M
800	22	0.29	SMPS	PM518S-220
800	22	0.36	SMT	PM7518-220M
800	22	0.36	SMT	PM7518-220M
800	22	0.37	SMP	PM1608-220M
800	24	0.34	V	4626
800	39	0.32	SMP	PM54-390L
800	47	0.238	SMPS	PM628S-470
800	47	0.27	SMPS	PM74SB-470L
800	47	0.39	SMP	PM3308-470M

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
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TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
800	47	0.472	SMPS	PM3316S-470M
800	132	0.31	SMT	PM3604-33
800	220	0.4	SMPS	PM125SH-221M
800	220	0.61	SMP	PM3316-221M
800	220	0.7	SMPS	PM124SH-221M
800	470	0.636	HD	1110-471K
800	560	0.696	HD	1110-561K
800	820	0.655	HD	5900-821
800	1000	0.844	HD	5900-102
800	1200	1.14	HD	1120-122K
800	1500	1.26	HD	1120-152K
800	1800	1.39	HD	1120-182K
800	2200	1.54	HD	1120-222K
800	10,000	0.5	CM	7412-RC
800	30,000	0.76	CM	7516-RC
804	39	0.094	HD	5800-390
804	47	0.109	HD	5800-470
804	56	0.14	HD	5800-560
804	68	0.145	HD	5800-680
804	82	0.152	HD	5800-820
810	0.01	0.1	SMCH	PM20S-R010M
810	82	0.27	R	RL875S-820K
810	82	0.32	SMPS	PM74SH-820M
810	100	0.52	R	RL855-101K
810	120	0.36	R	RL875-121K
810	180	0.259	CM	3000-181
815	0.33	0.08	CC	78FR33K
815	0.33	0.22	M	9130-08
815	1.5	0.12	MS	9250-152
815	1.5	0.12	MS	9250A-152
815	3.9	0.354	CC	8250-3R9K
820	47	0.27	SMPS	PM73SH-470M
820	120	0.22	R	RL895-121K
820	220	0.28	R	RL824-221K-RC
820	470	0.85	SMP	PM5022-471M
825	1.2	0.18	CC	8230-22
825	1.2	0.18	M	9230-22
830	0.82	0.29	V	70F827AP
830	1	0.29	M	9310-12
830	1.5	0.23	CC	77F1R5K
830	220	0.29	R	RL110S-221K
830	560	0.87	R	6100-561K-RC
840	0.0033	0.066	SMCH	PM0402C-3N3
840	0.0036	0.066	SMCH	PM0402C-3N6
840	0.0039	0.066	SMCH	PM0402C-3N9
840	4.7	0.162	SMPS	PM42S-4R7
840	8.2	0.147	SMP	PM43-8R2M
840	12	0.132	SMPS	PM428S-120
840	120	0.32	R	RL622-121K-RC
850	1.8	0.28	V	74F186AP
850	2.2	0.18	SMCH	PM1812H-2R2K
850	5.5	0.67	V	4609
850	6.8	0.6	SMCH	PM1008S-6R8M
850	15	0.235	SMP	PM43-150M
850	18	0.18	V	3500-180K
850	18	0.21	SMPS	PM518S-180
850	27	0.175	SMPS	PM528S-270
850	33	0.17	SMP	PM73-330M
850	56	0.202	SMPS	PM638S-560
850	68	0.21	SMPS	PM105SB-680L
850	68	0.28	SMP	PM75-680K
850	82	0.252	SMP	PM104-820K
850	150	0.4	SMPS	PM125S-151M
850	150	0.506	SMPS	PM104SH-151
850	180	0.25	R	RL824-181K-RC
850	180	0.62	SMPS	PM124SH-181M
850	2000	0.4	CM	7352
850	2500	2.04	HD	5609
855	0.27	0.11	MS	9250-271
855	0.27	0.11	MS	9250A-271
860	15	0.18	SMPS	PM63SB-150M
860	39	0.21	SMPS	PM628S-390
860	330	0.78	SMPS	PM5022S-331M
860	390	0.65	R	RL110-391K
870	0.75	0.264	V	70F757AP
870	3.9	0.264	V	70F396AI
870	6.5	0.137	SMP	PM600-06
870	39	0.24	SMPS	PM73SH-390M
870	68	0.27	SMPS	PM74SH-680M
875	0.27	0.16	CC	8230-06
875	0.27	0.16	M	9230-06
880	1.2	0.21	CC	77F1R2K
880	3.9	0.155	SMPS	PM42S-3R9
880	10.9	0.324	SMP	PM600-07
880	15	0.3	SMT	PM7518-150M
880	15	0.3	SMT	PM7518-150M
880	33	0.23	SMP	PM54-330L
880	39	0.26	CC	5300-20
880	390	0.7	SMPS	PM127SH-391M
890	68	0.21	R	RL875S-680K
890	100	0.28	R	RL875-101K
890	120	0.4	SMP	PM105-121K
895	1.2	0.1	MS	9250-122
895	1.2	0.1	MS	9250A-122
900	0.56	0.29	CC	8250-R56K
900	0.82	0.22	M	9310-10
900	1.5	0.25	V	74F156AP
900	1.8	0.16	SMCH	PM1812H-1R8K
900	22	0.122	SMPS	PM528S-220
900	33	0.22	SMPS	PM73SH-330M
900	100	0.19	R	RL895-101K
900	150	0.34	SMP	PM3340-151M
900	180	0.29	SMPS	PM125SH-181M
900	270	0.75	R	6000-271K

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SMPS - Surface mount, power, shielded
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
900	470	0.77	R	6100-471K-RC
900	8000	0.44	CM	7410-RC
910	15	0.158	V	3500-150K
910	33	0.24	CC	5300-19
910	39	0.18	SMPS	PM74SB-390L
910	68	0.223	SMP	PM104-680K
910	100	0.28	R	RL622-101K-RC
912	3.3	0.24	V	70F336AI
913	82	0.468	SMP	PM1355-820K
920	1	0.17	CC	77F1R0K
920	40	0.16	SMT	PM3602-10
920	150	0.22	R	RL824-151K-RC
920	180	0.26	R	RL110S-181K
930	56	0.19	SMPS	PM105SB-560L
930	56	0.24	SMPS	PM74SH-560M
930	82	0.4	R	RL855-820K
930	330	0.52	R	RL110-331K
935	0.22	0.14	CC	8230-04
935	0.22	0.14	M	9230-04
940	12	0.16	SMPS	PM63SB-120M
940	27	0.153	SMP	PM73-270M
940	56	0.24	SMP	PM75-560K
940	120	0.19	R	RL824-121K-RC
950	0.27	0.08	CC	78FR27K
950	1.2	0.22	V	74F126AP
950	1.5	0.15	SMCH	PM1812H-1R5K
950	3.3	0.26	CC	8250-3R3K
950	6.8	0.132	SMP	PM43-6R8M
950	27	0.22	CC	5300-18
950	32	0.15	SMT	PM3602-8
950	47	0.155	SMPS	PM638S-470
950	120	0.28	SMPS	PM125S-121M
950	150	0.53	SMPS	PM124SH-151M
950	330	0.64	SMPS	PM127SH-331M
960	0.0022	0.07	SMCH	PM0402C-2N2
960	0.27	0.16	M	9130-06
960	10.6	0.094	SMP	PM610-04
960	12	0.14	V	3500-120K
960	100	0.22	SMT	PM3604-25
970	12	0.21	SMP	PM43-120M
970	15	0.196	SMPS	PM518S-150
970	27	0.2	SMP	PM54-270M
970	33	0.165	SMPS	PM628S-330
970	33	0.18	SMPS	PM74SB-330L
970	100	0.35	SMP	PM105-101K
980	10	0.24	SMT	PM7518-100M
980	10	0.24	SMT	PM7518-100M
980	27	0.19	SMPS	PM73SH-270M
980	33	0.14	SMT	PM3602-33
980	100	0.21	SMT	PM3604-100
990	5.6	0.126	SMP	PM43-5R6M
990	56	0.19	R	RL875S-560K
990	150	0.204	CM	3000-151
996	68	0.418	SMP	PM1355-680K
1000	0.01	0.08	SMCH	PM1008-10NM
1000	0.012	0.09	SMCH	PM1008-12NM
1000	0.015	0.1	SMCH	PM1008-15NM
1000	0.018	0.11	SMCH	PM1008-18NM
1000	0.022	0.12	SMCH	PM1008-22NM
1000	0.027	0.13	SMCH	PM1008-27NM
1000	0.033	0.14	SMCH	PM1008-33NM
1000	0.039	0.15	SMCH	PM1008-39NM
1000	0.047	0.16	SMCH	PM1008-47NM
1000	0.056	0.18	SMCH	PM1008-56NK
1000	0.068	0.2	SMCH	PM1008-68NK
1000	0.082	0.22	SMCH	PM1008-82NK
1000	0.68	0.2	V	70F687AP
1000	1	0.2	V	74F106AP
1000	1.2	0.12	SMCH	PM1812H-1R2K
1000	3.9	0.09	SMP	PM52-3R9M
1000	3.9	0.45	V	4608
1000	4.7	0.1	SMP	PM52-4R7M
1000	4.7	0.35	SMCH	PM1008S-4R7M
1000	5.6	0.11	SMP	PM52-5R6M
1000	5.6	0.4	SMCH	PM1008S-5R6M
1000	10	0.075	SMPS	PM1608S-100M
1000	10	0.12	V	3500-100K
1000	10	0.128	SMPS	PM428S-100
1000	10	0.14	SMPS	PM63SB-100M
1000	15	0.17	V	4624
1000	18	0.11	SMPS	PM528S-180
1000	22	0.13	SMPS	PM7032S-220M
1000	22	0.19	CC	5300-17
1000	39	0.138	SMPS	PM638S-390
1000	47	0.14	SMPS	PM105SB-470L
1000	68	0.34	R	RL855-680K
1000	82	0.16	R	RL895-820K
1000	82	0.24	R	RL875-820K
1000	82	0.25	SMP	PM105-820K
1000	150	0.23	SMPS	PM125SH-151M
1000	150	0.23	R	RL110S-151K
1000	150	0.4	SMP	PM3316-151M
1000	220	0.65	R	6000-221K
1000	270	0.4	R	RL110-271K
1000	330	0.56	SMP	PM5022-331M
1000	390	0.46	HD	1110-391K
1000	390	0.64	R	6100-391K-RC
1000	560	0.42	HD	5900-561
1000	600	0.04	CM	7101
1000	680	0.548	HD	5900-681
1000	1000	0.06	CM	7102
1000	1000	0.55	VHD	5258
1000	1000	0.818	HD	1120-102K
1000	2000	0.07	CM	7103

Coil Type

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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
1000	2000	1.67	TB	7025
1000	3000	0.1	CM	7104
1000	3900	1.67	HD	1130-392K
1000	4700	1.86	HD	1130-472K
1000	5000	0.125	CM	7105
1000	8000	3.34	T	5725
1000	8000	3.34	TB	6725
1000	20,000	0.25	SMC	PM3700-80
1000	20,000	0.49	CM	7514-RC
1008	33	0.075	HD	5800-330
1010	0.18	0.12	CC	8230-02
1010	0.18	0.12	M	9230-02
1010	56	0.199	SMP	PM104-560K
1010	80	0.2	SMT	PM3604-20
1020	100	0.18	R	RL824-101K-RC
1025	0.22	0.08	CC	78FR22K
1025	0.22	0.14	M	9130-04
1030	56	0.37	SMP	PM1355-560K
1040	0.002	0.07	SMCH	PM0402C-2N0
1040	3.3	0.11	SMPS	PM42S-3R3
1040	8.2	0.118	SMPS	PM428S-8R2
1040	10	0.182	SMP	PM43-100M
1040	82	0.14	R	RL824-820K-RC
1050	1	0.11	SMCH	PM1812H-1R0K
1050	27	0.142	SMPS	PM628S-270
1050	100	0.25	SMPS	PM125S-101M
1060	0.47	0.218	CC	8250-R47K
1060	27	0.16	SMPS	PM74SB-270M
1060	270	0.56	SMPS	PM127SH-271M
1070	1	0.07	MS	9250-102
1070	1	0.07	MS	9250A-102
1070	22	0.129	SMP	PM73-220M
1080	47	0.18	SMPS	PM74SH-470M
1080	180	0.58	R	6000-181K
1090	47	0.33	SMP	PM1355-470K
1090	120	0.166	CM	3000-121
1091	2.7	0.168	V	70F276AI
1100	0.1	0.07	CC	8230-94
1100	0.1	0.07	M	9230-94
1100	0.12	0.08	CC	8230-96
1100	0.12	0.08	M	9230-96
1100	0.15	0.1	CC	8230-00
1100	0.15	0.1	M	9230-00
1100	0.22	0.067	MS	9250-221
1100	0.22	0.067	MS	9250A-221
1100	0.68	0.15	M	9310-08
1100	6.8	0.065	SMP	PM620-08
1100	6.8	0.113	V	3500-6R8M
1100	8.2	0.116	V	3500-8R2M
1100	10	0.16	SMP	PM1608-100M
1100	12	0.153	SMPS	PM518S-120
1100	15	0.103	SMPS	PM528S-150
1100	18	0.16	CC	5300-16
1100	33	0.124	SMPS	PM638S-330
1100	33	0.3	SMP	PM3308-330M
1100	33	0.334	SMPS	PM3316S-330M
1100	39	0.12	SMPS	PM105SB-390L
1100	39	0.16	SMP	PM75-390K
1100	47	0.17	SMP	PM104-470K
1100	47	0.17	R	RL875S-470L
1100	47	0.18	SMP	PM75-470K
1100	56	0.31	R	RL855-560K
1100	60	0.16	SMT	PM3604-15
1100	68	0.14	R	RL895-680K
1100	68	0.2	R	RL875-680K
1100	82	0.23	R	RL622-820K-RC
1100	120	0.17	SMPS	PM125SH-121M
1100	120	0.21	R	RL1105-121K
1100	120	0.38	SMPS	PM124SH-121M
1100	220	0.34	R	RL110-221K
1100	220	0.47	SMPS	PM5022S-221M
1100	330	0.6	R	6100-331K-RC
1100	5000	0.28	CM	7408-RC
1105	0.18	0.12	M	9130-02
1110	9.3	0.094	SMP	PM620-09
1110	22	0.18	SMP	PM54-220M
1110	39	0.17	SMPS	PM74SH-390M
1110	68	0.22	SMP	PM105-680K
1120	6.8	0.109	SMPS	PM428S-6R8
1120	18	0.111	SMP	PM73-180M
1120	22	0.13	SMPS	PM74SB-220M
1130	2.7	0.184	CC	8250-2R7K
1130	100	0.155	CM	3000-101
1132	2.2	0.156	V	70F226AI
1140	39	0.1	R	RL822-390K-RC
1140	82	0.2	SMPS	PM125S-820M
1150	4.7	0.109	SMP	PM43-4R7M
1150	150	0.37	R	6000-151K
1160	33	0.11	SMPS	PM105SB-330L
1160	220	0.39	SMPS	PM127SH-221M
1170	5.6	0.101	SMPS	PM428S-5R6
1170	22	0.13	SMPS	PM73SH-220M
1170	25	0.098	SMT	PM3602-25
1170	33	0.09	R	RL822-330K-RC
1170	56	0.19	SMP	PM105-560K
1180	4.7	0.18	SMT	PM7518-4R7M
1180	4.7	0.18	SMT	PM7518-4R7M
1180	270	0.52	R	6100-271K-RC
1190	68	0.14	SMT	PM3604-68
1200	0.15	0.1	M	9130-00
1200	3.9	0.26	SMCH	PM1008S-3R9M
1200	5.6	0.092	V	3500-5R6M
1200	6.8	0.065	SMPS	PM1608S-6R8M
1200	10	0.124	SMPS	PM518S-100

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
1200	12	0.076	SMPS	PM528S-120
1200	15	0.09	SMPS	PM7032S-150M
1200	15	0.15	CC	5300-15
1200	15	0.23	SMP	PM1608-150M
1200	20	0.092	SMT	PM3602-5
1200	22	0.128	SMPS	PM628S-220
1200	27	0.109	SMPS	PM638S-270
1200	33	0.13	SMP	PM75-330K
1200	39	0.15	R	RL875S-390L
1200	39	0.151	SMP	PM104-390M
1200	47	0.24	R	RL855-470K
1200	56	0.11	R	RL895-560K
1200	56	0.18	R	RL875-560K
1200	68	0.17	SMP	PM3340-680M
1200	68	0.21	R	RL622-680K-RC
1200	100	0.19	R	RL110S-101K
1200	100	0.22	SMP	PM3340-101M
1200	100	0.31	SMPS	PM124SH-101M
1200	220	0.328	SMPS	PM12565S-221M
1200	220	0.38	SMP	PM5022-221M
1200	470	0.38	HD	5900-471
1200	1000	0.22	CM	7351
1220	0.39	0.161	CC	8250-R39K
1220	0.56	0.135	M	9310-07
1220	27	0.08	R	RL822-270K-RC
1220	33	0.14	SMPS	PM74SH-330M
1225	0.47	0.12	M	9310-06
1230	8.5	0.324	SMP	PM600-09
1230	18	0.15	SMP	PM54-180M
1230	27	0.14	SMPS	PM74SH-270M
1240	15	0.104	SMP	PM73-150M
1240	68	0.13	R	RL824-680K-RC
1250	8.9	0.116	SMPS	PM518S-8R9
1250	20	0.086	SMT	PM3602-20
1250	39	0.25	SMP	PM1355-390K
1250	56	0.12	R	RL824-560K-RC
1250	100	0.304	SMPS	PM104SH-101
1250	120	0.32	R	6000-121K
1250	1125	1.32	TB	7020
1250	4500	2.64	T	5720
1250	4500	2.64	TB	6720
1260	18	0.11	SMPS	PM73SH-180M
1260	33	0.12	SMP	PM104-330M
1260	68	0.17	SMPS	PM125S-680M
1264	0.47	0.125	V	70F477AP
1270	0.12	0.09	M	9130-96
1280	2.7	0.105	SMPS	PM42S-2R7
1280	3.9	0.019	HD	5800-3R9
1280	4.7	0.022	HD	5800-4R7
1280	5.6	0.024	HD	5800-5R6
1280	6.8	0.026	HD	5800-6R8
1280	8.2	0.028	HD	5800-8R2
1280	10	0.033	HD	5800-100
1280	12	0.037	HD	5800-120
1280	15	0.04	HD	5800-150
1280	18	0.044	HD	5800-180
1280	22	0.05	HD	5800-220
1280	27	0.058	HD	5800-270
1280	47	0.17	SMP	PM105-470K
1280	50	0.12	SMT	PM3604-50
1290	2.2	0.142	CC	8250-2R2K
1290	18	0.1	SMPS	PM74SB-180M
1290	22	0.07	R	RL822-220K-RC
1290	47	0.11	R	RL824-470K-RC
1300	0.18	0.047	MS	9250-181
1300	0.18	0.047	MS	9250A-181
1300	2.7	0.14	SMCH	PM1008S-2R7M
1300	10	0.065	SMPS	PM528S-100
1300	11.6	0.202	SMP	PM610-05
1300	15	0.14	SMP	PM54-150M
1300	22	0.096	SMPS	PM638S-220
1300	22	0.207	SMPS	PM3316S-220M
1300	22	0.23	SMP	PM3308-220M
1300	27	0.12	SMP	PM75-270K
1300	33	0.14	R	RL875S-330L
1300	39	0.14	R	RL875-390K
1300	39	0.21	R	RL855-390K
1300	47	0.1	R	RL895-470K
1300	47	0.15	R	RL875-470K
1300	58	0.18	R	RL622-560K-RC
1300	82	0.23	R	6000-820K
1300	82	0.26	SMPS	PM124SH-820M
1300	100	0.16	SMPS	PM125SH-101M
1300	100	0.28	SMP	PM3316-101M
1300	150	0.293	SMPS	PM5022S-151M
1300	180	0.31	R	RL110-181K
1300	180	0.35	SMPS	PM127SH-181M
1300	330	0.336	HD	1110-331K
1300	820	0.59	HD	1120-821K
1300	1000	0.4	T	2124-
1300	1000	0.801	HD	5608
1300	2200	1.02	HD	1130-222K
1300	2700	1.14	HD	1130-272K
1300	3300	1.27	HD	1130-332K
1300	10,000	2.76	HD	1140-103K
1300	12,000	3.04	HD	1140-123K
1300	15,000	3.39	HD	1140-153K
1320	2.2	0.075	SMPS	PM42S-2R2
1320	4.7	0.072	SMPS	PM428S-4R7
1320	4.9	0.137	SMP	PM600-08
1320	18	0.095	SMPS	PM628S-180
1320	27	0.1	SMPS	PM105SB-270M
1320	220	0.35	R	6100-221K-RC
1330	3.9	0.094	SMP	PM43-3R9M

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
1330	33	0.222	SMP	PM1355-330K
1350	0.1	0.08	M	9130-94
1350	15	0.099	SMPS	PM73SH-150M
1350	40	0.11	SMT	PM3604-10
1360	0.001	0.045	SMCH	PM0402C-1N0
1360	68	0.21	R	6000-680K
1370	39	0.14	SMP	PM105-390M
1380	56	0.15	SMPS	PM125S-560M
1390	2.2	0.13	SMT	PM7518-2R2M
1390	2.2	0.13	SMT	PM7518-2R2M
1390	12	0.09	SMP	PM73-120M
1390	15	0.08	SMPS	PM74SB-150M
1400	0.33	0.09	M	9310-04
1400	0.33	0.122	CC	8250-R33K
1400	4.7	0.06	SMPS	PM1608S-4R7M
1400	6.2	0.096	SMPS	PM518S-6R2
1400	6.8	0.13	SMP	PM1608-6R8M
1400	7.9	0.094	SMP	PM620-11
1400	12	0.11	CC	5300-14
1400	12	0.12	SMP	PM54-120M
1400	15	0.084	SMPS	PM628S-150
1400	22	0.11	SMPS	PM74SH-220M
1400	33	0.07	R	RL895-330K
1400	33	0.17	R	RL855-330K
1400	39	0.08	R	RL895-390K
1400	39	0.095	R	RL824-390K-RC
1400	47	0.16	R	RL622-470K-RC
1400	82	0.14	SMPS	PM125SH-820M
1400	82	0.16	R	RL110S-820K
1400	100	0.28	R	6000-101K
1400	150	0.23	R	RL110-151K
1400	680	0.33	T	2122-
1400	820	0.37	T	2123-
1420	22	0.08	SMPS	PM105SB-220M
1420	68	0.213	SMPS	PM104SH-680
1420	150	0.28	SMPS	PM127SH-151M
1440	3.3	0.087	SMP	PM43-3R3M
1440	3.9	0.065	SMPS	PM428S-3R9
1440	10	0.081	SMP	PM73-100M
1440	10	0.1	SMP	PM54-100M
1440	27	0.1	SMP	PM104-270M
1443	1.5	0.096	V	70F156AI
1443	1.8	0.096	V	70F186AI
1450	15	0.063	SMT	PM3602-15
1450	180	0.31	R	6100-181K-RC
1470	0.15	0.037	MS	9250-151
1470	0.15	0.037	MS	9250A-151
1480	1.8	0.107	CC	8250-1R8K
1480	12	0.083	SMPS	PM73SH-120M
1480	56	0.18	R	6000-560K
1490	27	0.1	R	RL875S-270L
1490	33	0.086	R	RL824-330K-RC
1500	1	0.03	SMP	PM52-1R0M
1500	1	0.04	SMP	PM32-1R0M
1500	1.4	0.04	SMP	PM52-1R4M
1500	1.4	0.05	SMP	PM32-1R4M
1500	1.8	0.05	SMP	PM52-1R8M
1500	2.2	0.06	SMP	PM52-2R2M
1500	2.4	0.19	V	4606
1500	2.7	0.07	SMP	PM52-2R7M
1500	3.3	0.08	SMP	PM52-3R3M
1500	4.7	0.053	V	3500-4R7M
1500	4.7	0.09	SMP	PM1608-4R7M
1500	8.2	0.087	CC	5300-12
1500	10	0.064	SMPS	PM7032S-100M
1500	10	0.095	CC	5300-13
1500	10	0.11	V	4622
1500	15	0.15	SMP	PM3308-150M
1500	15	0.15	SMPS	PM3316S-150M
1500	18	0.092	SMPS	PM638S-180
1500	22	0.11	SMP	PM75-220K
1500	32	0.096	SMT	PM3604-8
1500	33	0.12	SMP	PM105-330M
1500	33	0.13	R	RL875-330K
1500	39	0.1	R	RL622-390K-RC
1500	47	0.12	SMPS	PM125S-470M
1500	68	0.12	SMPS	PM125SH-680M
1500	68	0.15	R	RL110S-680K
1500	68	0.2	SMP	PM3316-680M
1500	68	0.22	SMPS	PM124SH-680M
1500	112.5	0.245	TB	7005
1500	120	0.2	R	RL110-121K
1500	150	0.25	SMP	PM5022-151M
1500	250	0.47	TB	7010
1500	400	0.64	TB	7015
1500	450	0.49	T	5705
1500	450	0.49	TB	6705
1500	500	0.12	CM	7350
1500	560	0.3	T	2121-
1500	1000	0.284	T	2100LL-102
1500	1000	0.98	T	5710
1500	1000	0.98	TB	6710
1500	1600	1.27	T	5715
1500	1600	1.27	TB	6715
1500	5000	1.08	HD	5625
1500	10,000	0.15	SMC	PM3700-70
1500	10,000	0.22	CM	7512-RC
1500	10,000	1.56	HD	5632
1510	27	0.17	SMP	PM1355-270K
1520	18	0.089	SMPS	PM74SH-180M
1530	0.12	0.034	MS	9250-121
1530	0.12	0.034	MS	9250A-121
1540	18	0.061	R	RL822-180K-RC
1550	12	0.07	SMPS	PM628S-120

Coil Type

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CM - Common mode
HD - Heavy duty
M - Molded
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R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
1560	1.5	0.096	CC	8250-1R5K
1560	27	0.082	R	RL824-270K-RC
1570	3.3	0.049	SMPS	PM428S-3R3
1570	12	0.07	SMPS	PM74SB-120M
1580	2.7	0.079	SMP	PM43-2R7M
1580	18	0.08	SMPS	PM105SB-180M
1600	2.7	0.043	SMPS	PM428S-2R7
1600	3.3	0.055	SMPS	PM1608S-3R3M
1600	3.9	0.05	V	3500-3R9M
1600	4.5	0.065	SMP	PM620-10
1600	5.4	0.076	SMPS	PM518S-5R4
1600	5.6	0.074	CC	5300-10
1600	6.8	0.08	CC	5300-11
1600	8.2	0.053	SMPS	PM528S-8R2
1600	15	0.057	SMPS	PM638S-150
1600	18	0.1	SMP	PM75-180K
1600	22	0.08	R	RL875S-220L
1600	22	0.088	SMP	PM104-220M
1600	27	0.06	R	RL895-270K
1600	27	0.14	R	RL855-270K
1600	33	0.078	SMT	PM3604-33
1600	33	0.09	R	RL622-330K-RC
1600	47	0.1	SMP	PM3340-470M
1600	56	0.11	R	RL110S-560K
1600	100	0.09	HD	5900-101
1600	120	0.113	HD	5900-121
1600	120	0.25	SMPS	PM127SH-121M
1600	150	0.129	HD	5900-151
1600	150	0.181	HD	1110-151K
1600	180	0.15	HD	5900-181
1600	180	0.217	HD	1110-181K
1600	220	0.162	HD	5900-221
1600	220	0.24	HD	1110-221K
1600	270	0.208	HD	5900-271
1600	270	0.3	HD	1110-271K
1600	330	0.212	HD	5900-331
1600	330	0.305	HD	1120-331K
1600	390	0.281	HD	5900-391
1600	390	0.32	HD	1120-391K
1600	470	0.28	T	2120-
1600	470	0.355	HD	1120-471K
1600	560	0.388	HD	1120-561K
1600	680	0.43	HD	1120-681K
1600	820	0.257	T	2100LL-821
1600	1000	0.43	T	2100HT-102
1600	1800	0.705	HD	1130-182K
1600	2500	0.69	HD	5618
1600	6800	1.76	HD	1140-682K
1600	8000	0.2	CM	7510-RC
1600	8200	1.95	HD	1140-822K
1610	22	0.15	SMP	PM1355-220K
1610	150	0.24	R	6100-151K-RC
1625	0.27	0.09	CC	8250-R27K
1650	10	0.07	SMPS	PM74SB-100M
1650	20	0.076	SMT	PM3604-5
1650	39	0.11	SMPS	PM125S-390M
1660	15	0.075	SMPS	PM74SH-150M
1666	1.2	0.072	V	70F126AI
1670	1	0.103	SMT	PM7518-1R0M
1670	1	0.103	SMT	PM7518-1R0M
1690	0.33	0.7	V	70F337AP
1700	4.7	0.068	CC	5300-09
1700	6.8	0.049	SMPS	PM7032S-6R8M
1700	10	0.065	SMPS	PM628S-100
1700	12	0.053	SMPS	PM638S-120
1700	22	0.06	R	RL895-220K
1700	22	0.12	R	RL855-220K
1700	27	0.08	R	RL622-270K-RC
1700	27	0.11	R	RL875-270K
1700	56	0.11	SMPS	PM125SH-560M
1700	100	0.16	R	RL110-101K
1700	100	0.207	SMPS	PM5022S-101M
1700	100	0.22	SMPS	PM127SH-101M
1700	330	0.23	T	2118-
1700	390	0.25	T	2119-
1700	820	0.39	T	2100HT-821
1700	4000	0.173	CM	8101
1700	4000	0.173	CM	8101
1720	1	0.045	SMPS	PM42S-1R0
1720	10	0.061	SMPS	PM73SH-100M
1720	15	0.07	SMPS	PM105SB-150M
1720	22	0.076	R	RL824-220K-RC
1730	18	0.081	SMP	PM104-180M
1750	2.2	0.072	SMP	PM43-2R2M
1750	15	0.058	R	RL822-150K-RC
1750	200	0.32	TB	7009
1750	312.5	0.43	TB	7014
1750	562.5	0.46	TB	7019
1750	800	0.64	T	5709
1750	800	0.64	TB	6709
1750	1000	0.58	TB	7024
1750	1250	0.85	T	5714
1750	1250	0.85	TB	6714
1750	2250	0.92	T	5719
1750	2250	0.92	TB	6719
1750	4000	1.16	T	5724
1750	4000	1.16	TB	6724
1760	27	0.11	SMP	PM105-270M
1770	18	0.071	R	RL824-180K-RC
1770	47	0.16	R	6000-470K
1790	0.1	0.025	MS	9250-101
1790	0.1	0.025	MS	9250A-101
1800	1.5	0.093	V	4604
1800	2.2	0.05	SMPS	PM1608S-2R2M

Coil Type

CC - Conformal coated
R - Radial lead
SMT - Surface mount toroid
CM - Common mode
SMC - Surface mount common mode
T - Toroid
HD - Heavy duty
SMCH - Surface mount, chip
TB - Toroid mounted on base
M - Molded
SMP - Surface mount, power
V - Varnished
MS - Molded, shielded
SMPS - Surface mount, power, shielded
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
1800	3.9	0.06	CC	5300-08
1800	4.7	0.043	SMPS	PM7032S-4R7M
1800	6.2	0.045	SMPS	PM528S-6R2
1800	15	0.09	SMP	PM75-150K
1800	22	0.09	R	RL875-220K
1800	33	0.1	SMPS	PM125S-330M
1800	47	0.075	SMPS	PM125SH-470M
1800	47	0.1	R	RL110S-470K
1800	47	0.14	SMP	PM3316-470M
1800	56	0.19	SMPS	PM124SH-560M
1800	100	0.19	SMP	PM5022-101M
1800	120	0.23	R	6100-121K-RC
1800	270	0.21	T	2117-
1800	680	0.35	T	2100HT-681
1800	2000	0.11	CM	7406-RC
1820	12	0.05	R	RL822-120K-RC
1830	10	0.04	SMT	PM3602-10
1840	1.2	0.07	CC	8250-1R2K
1850	3.8	0.137	SMP	PM600-10
1850	8.6	0.058	SMPS	PM628S-8R6
1850	39	0.1	R	6000-390K
1860	5.7	0.094	SMP	PM610-06
1860	12	0.06	SMPS	PM74SH-120M
1870	15	0.07	SMP	PM104-150M
1890	6.8	0.05	SMPS	PM73SH-6R8M
1890	18	0.109	SMP	PM1355-180K
1900	0.22	0.055	M	9310-02
1900	3.3	0.036	V	3500-3R3M
1900	3.3	0.054	CC	5300-07
1900	5.3	0.038	SMPS	PM528S-5R3
1900	8	0.037	SMT	PM3602-8
1900	18	0.08	R	RL875-180K
1900	47	0.128	SMPS	PM104SH-470
1900	47	0.15	SMPS	PM124SH-470M
1900	82	0.14	R	RL110-820K
1900	100	0.148	SMPS	PM12565S-101M
1900	560	0.32	T	2100HT-561
1900	1000	0.244	SMT	PM2110-102K
1900	1000	0.28	T	2224-
1900	1000	0.49	T	2200HT-102
1910	25	0.054	SMT	PM3604-25
1930	15	0.065	R	RL824-150K-RC
1940	12	0.07	SMPS	PM105SB-120M
1950	1.8	0.064	SMP	PM43-1R8M
1950	4.1	0.057	SMPS	PM518S-4R1
1950	82	0.16	SMPS	PM127SH-820M
1960	10	0.045	R	RL822-100K-RC
1960	22	0.1	SMP	PM105-220M
1980	100	0.16	R	6100-101K-RC
2000	1	0.05	V	4602
2000	1.8	0.09	SMCH	PM1008S-1R8M
2000	3.3	0.08	SMP	PM1608-3R3M
2000	8.3	0.202	SMP	PM610-07
2000	10	0.038	SMPS	PM638S-100
2000	10	0.101	SMPS	PM3316S-100M
2000	10	0.11	SMP	PM3308-100M
2000	12	0.059	R	RL824-120K-RC
2000	12	0.08	SMP	PM75-120K
2000	18	0.05	R	RL895-180K
2000	18	0.1	R	RL855-180M
2000	22	0.07	R	RL622-220K-RC
2000	27	0.08	SMPS	PM125S-270M
2000	33	0.08	SMP	PM3340-330M
2000	39	0.068	SMPS	PM125SH-390M
2000	39	0.076	R	RL110S-390K
2000	68	0.138	SMPS	PM5022S-680M
2000	68.75	0.12	TB	7004
2000	82	0.06	HD	5900-820
2000	100	0.216	VHD	5250
2000	120	0.127	HD	1110-121K
2000	270	0.213	HD	1120-271K
2000	275	0.24	T	5704
2000	275	0.24	TB	6704
2000	470	0.29	T	2100HT-471
2000	500	0.26	VHD	5256
2000	500	0.378	HD	5607
2000	600	0.03	CM	7106
2000	820	0.221	SMT	PM2110-821K
2000	820	0.26	T	2223-
2000	820	0.44	T	2200HT-821
2000	1000	0.04	CM	7107
2000	1000	0.05	CM	7112
2000	1000	0.426	HD	1130-102K
2000	1200	0.426	HD	1130-122K
2000	1500	0.518	HD	1130-152K
2000	2000	0.06	CM	7108
2000	2000	0.075	CM	7113
2000	3000	0.075	CM	7109
2000	3000	0.085	CM	7114
2000	4700	1.14	HD	1140-472K
2000	5000	0.07	SMC	PM3700-60
2000	5000	0.11	CM	7115
2000	5600	1.6	HD	1140-562K
2000	8000	0.2	CM	7116
2000	50,000	0.2	CM	7121
2020	3.8	0.065	SMP	PM620-12
2020	20	0.049	SMT	PM3604-20
2040	2.2	0.031	SMPS	PM428S-2R2
2041	1	0.048	V	70F106AI
2050	0.22	0.056	CC	8250-R22K
2050	33	0.09	R	6000-330K
2060	10	0.06	SMPS	PM105SB-100M
2080	1	0.054	CC	8250-1R0K
2090	15	0.089	SMP	PM1355-150K

Coil Type

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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
2100	6.8	0.035	R	RL822-6R8K-RC
2100	7.3	0.054	SMPS	PM628S-7R3
2100	15	0.05	R	RL895-150K
2100	15	0.09	R	RL855-150M
2100	33	0.057	SMPS	PM125SH-330M
2100	33	0.057	R	RL110S-330K
2100	33	0.1	SMP	PM3316-330M
2100	39	0.13	SMPS	PM124SH-390M
2100	68	0.12	R	RL110-680K
2100	68	0.14	SMPS	PM127SH-680M
2100	390	0.27	T	2100HT-391
2100	680	0.147	T	2100LL-681
2100	680	0.202	SMT	PM2110-681K
2100	680	0.23	T	2222-
2130	12	0.061	SMP	PM104-120M
2140	10	0.045	SMPS	PM74SH-100M
2150	18	0.09	SMP	PM105-180M
2180	82	0.15	R	6100-820K-RC
2200	1.8	0.028	SMPS	PM428S-1R8
2200	2.7	0.028	V	3500-2R7M
2200	3.3	0.028	SMPS	PM7032S-3R3M
2200	4.2	0.031	SMPS	PM528S-4R2
2200	6.8	0.075	SMPS	PM3316S-6R8M
2200	8.7	0.034	SMPS	PM638S-8R7
2200	10	0.052	R	RL824-100K-RC
2200	15	0.041	SMT	PM3604-15
2200	15	0.07	R	RL875-150K
2200	18	0.061	R	RL622-180K-RC
2200	22	0.07	SMPS	PM125S-220M
2200	33	0.093	SMPS	PM104SH-330
2200	120	0.15	T	2113-
2200	560	0.134	T	2100LL-561
2200	560	0.21	T	2221-
2200	2500	0.499	HD	5624
2200	5000	0.714	HD	5631
2220	12	0.079	SMP	PM1355-120K
2220	27	0.08	R	6000-270K
2240	4.7	0.036	SMPS	PM73SH-4R7M
2250	6	0.035	SMPS	PM628S-6R0
2250	100	0.165	TB	7008
2250	175	0.21	TB	7013
2250	400	0.33	T	5708
2250	400	0.33	TB	6708
2250	700	0.42	T	5713
2250	700	0.42	TB	6713
2270	4.7	0.03	R	RL822-4R7K-RC
2270	15	0.08	SMP	PM105-150M
2294	0.22	0.38	V	70F227AP
2300	0.18	0.044	CC	8250-R18K
2300	2.2	0.025	V	3500-2R2M
2300	6.6	0.202	SMP	PM610-09
2300	7.4	0.031	SMPS	PM638S-7R4
2300	10	0.07	SMP	PM75-100K
2300	15	0.056	R	RL622-150K-RC
2300	27	0.051	SMPS	PM125SH-270M
2300	56	0.092	R	RL110-560K
2300	68	0.13	SMP	PM5022-680M
2300	470	0.124	T	2100LL-471
2300	470	0.19	T	2220-
2300	5000	0.1	CM	7508-RC
2300	30,000	0.33	CM	8109
2300	30,000	0.33	CM	8109
2300	50,000	0.45	CM	8116
2300	50,000	0.45	CM	8116
2330	6.3	0.038	SMPS	PM74SH-6R3M
2340	10	0.071	SMP	PM1355-100K
2350	56	0.11	SMPS	PM127SH-560M
2380	5.6	0.036	SMPS	PM74SH-5R6M
2380	10	0.053	SMP	PM104-100M
2380	68	0.11	R	6100-680K-RC
2400	2.2	0.07	SMP	PM1608-2R2M
2400	3	0.024	SMPS	PM528S-3R0
2400	5	0.031	SMPS	PM628S-5R0
2400	12	0.08	R	RL855-120M
2400	18	0.06	SMPS	PM125S-180M
2400	22	0.07	R	6000-220K
2400	27	0.045	R	RL110S-270M
2400	47	0.097	SMPS	PM5022S-470M
2400	68	0.094	SMPS	PM12565S-680M
2400	100	0.13	T	2112-
2400	220	0.12	T	2116-
2400	390	0.112	T	2100LL-391
2400	1000	0.049	CM	7404-RC
2400	1000	0.216	T	2200LL-102
2400	1000	0.3	T	2324-
2400	2500	0.09	CM	8102
2400	2500	0.09	CM	8102
2400	10,000	0.17	CM	8104
2400	10,000	0.17	CM	8104
2410	5	0.023	SMT	PM3602-5
2450	0.15	0.03	M	9310-00
2450	12	0.07	SMP	PM105-120M
2450	15	0.06	SMPS	PM125S-150M
2490	3.3	0.029	SMPS	PM73SH-3R3M
2500	1.8	0.02	V	3500-1R8M
2500	2.7	0.033	CC	5300-06
2500	6.2	0.027	SMPS	PM638S-6R2
2500	10	0.07	R	RL855-100M
2500	12	0.05	SMPS	PM125S-120M
2500	12	0.06	R	RL875-120M
2500	22	0.054	SMP	PM3340-220M
2500	22	0.073	SMPS	PM104SH-220
2500	25	0.04	T	5726
2500	25	0.04	TB	6726

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Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
2500	35	0.035	T	5727
2500	35	0.035	TB	6727
2500	47	0.083	R	RL110-470K
2500	47	0.1	SMPS	PM127SH-470M
2500	50	0.06	T	5728
2500	50	0.06	TB	6728
2500	68	0.047	HD	5900-680
2500	100	0.08	T	5729
2500	100	0.08	TB	6729
2500	250	0.17	VHD	5254
2500	275	0.165	TB	7018
2500	330	0.103	T	2100LL-331
2500	390	0.18	T	2219-
2500	450	0.24	TB	7023
2500	560	0.146	SMT	PM2110-561K
2500	820	0.194	T	2200LL-821
2500	1000	0.215	SMT	PM2120-102K
2500	1000	0.279	HD	5617
2500	1100	0.33	T	5718
2500	1100	0.33	TB	6718
2500	1800	0.55	T	5723
2500	1800	0.55	TB	6723
2520	1.4	0.057	SMP	PM43-1R4M
2560	1	0.049	SMP	PM43-1R0M
2560	1.2	0.024	SMPS	PM428S-1R2
2560	10	0.05	SMPS	PM125S-100M
2570	56	0.089	R	6100-560K-RC
2590	8.2	0.058	SMP	PM1355-8R2K
2600	0.15	0.034	CC	8250-R15K
2600	2.2	0.031	CC	5300-05
2600	2.6	0.018	SMPS	PM528S-2R6
2600	3.9	0.027	SMPS	PM628S-3R9
2600	10	0.04	R	RL895-100M
2600	10	0.06	SMP	PM105-100M
2600	12	0.04	R	RL895-120M
2600	22	0.042	R	RL110S-220M
2600	47	0.087	SMP	PM5022-470M
2600	180	0.11	T	2115-
2600	470	0.133	SMT	PM2110-471K
2600	680	0.27	T	2200HT-681
2600	820	0.27	T	2323-
2640	4.7	0.03	SMPS	PM74SH-4R7M
2660	3.3	0.025	R	RL822-3R3K-RC
2660	18	0.061	R	6000-180K
2700	4.7	0.054	SMPS	PM3316S-4R7M
2700	10	0.028	SMT	PM3604-10
2700	12	0.05	R	RL622-120K-RC
2700	22	0.085	SMP	PM3316-220M
2700	33	0.097	SMPS	PM124SH-330M
2700	39	0.073	SMPS	PM127SH-390M
2700	39	0.073	R	RL110-390K
2700	270	0.093	T	2100LL-271
2700	330	0.16	T	2100HT-331
2700	560	0.23	T	2200HT-561
2700	680	0.176	T	2200LL-681
2710	3.9	0.028	SMPS	PM74SH-3R9M
2710	6.8	0.053	SMP	PM1355-6R8K
2750	31.25	0.06	TB	7003
2750	125	0.12	T	5703
2750	125	0.12	TB	6703
2780	2.7	0.027	SMPS	PM74SH-2R7M
2790	47	0.084	R	6100-470K-RC
2800	1.5	0.045	SMPS	PM1608S-1R5M
2800	1.5	0.05	SMP	PM1608-1R5M
2800	1.5	0.06	SMCH	PM1008S-1R5M
2800	22	0.036	SMPS	PM125SH-220M
2800	27	0.08	SMPS	PM124SH-270M
2800	33	0.075	SMPS	PM5022S-330M
2800	47	0.062	HD	1110-470K
2800	47	0.069	SMPS	PM12565S-470M
2800	56	0.069	HD	1110-560K
2800	68	0.077	HD	1110-680K
2800	82	0.083	HD	1110-820K
2800	100	0.095	HD	1110-101K
2800	220	0.15	HD	1120-221K
2800	270	0.14	T	2100HT-271
2800	470	0.21	T	2200HT-471
2800	600	0.046	CM	7402-RC
2800	680	0.256	HD	1130-681K
2800	820	0.288	HD	1130-821K
2800	2500	0.464	HD	5630
2800	3300	0.773	HD	1140-332K
2800	3900	0.845	HD	1140-392K
2800	7000	0.12	CM	8105
2800	7000	0.12	CM	8105
2828	0.15	0.25	V	70F157AP
2860	0.12	0.029	CC	8250-R12K
2860	4.1	0.094	SMP	PM610-08
2900	1	0.05	SMP	PM1608-1R0M
2900	1.8	0.023	CC	5300-04
2900	5	0.024	SMPS	PM638S-5R0
2900	10	0.05	R	RL875-100M
2900	15	0.056	R	6000-150K
2900	18	0.039	R	RL110S-180M
2900	22	0.066	SMPS	PM124SH-220M
2900	33	0.055	R	RL110-330K
2900	250	0.173	HD	5606
2900	820	0.157	SMT	PM2120-821K
2900	1000	0.33	T	2300HT-102
2900	2000	0.058	CM	7506-RC
2900	20,000	0.21	CM	8110
2900	20,000	0.21	CM	8110
2900	36,000	0.3	CM	8117
2900	36,000	0.3	CM	8117

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Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
2910	5.6	0.046	SMP	PM1355-5R6K
3000	0.1	0.026	CC	8250-R10K
3000	1	0.04	SMPS	PM1608S-1R0M
3000	1	0.05	SMCH	PM1008S-1R0M
3000	1.5	0.014	V	3500-1R5M
3000	3	0.024	SMPS	PM628S-3R0
3000	4.7	0.043	SMP	PM1355-4R7K
3000	8	0.024	SMT	PM3604-8
3000	10	0.045	R	RL622-100K-RC
3000	15	0.042	SMP	PM3340-150M
3000	18	0.034	SMPS	PM125SH-180M
3000	33	0.065	SMPS	PM127SH-330M
3000	33	0.066	SMP	PM5022-330M
3000	40	0.082	VHD	5240
3000	70	0.05	T	5730
3000	70	0.05	TB	6730
3000	220	0.13	T	2100HT-221
3000	390	0.19	T	2200HT-391
3000	600	0.02	CM	7110
3000	680	0.142	SMT	PM2120-681K
3000	1000	0.03	CM	7111
3080	39	0.079	R	6100-390K-RC
3100	1.5	0.02	CC	5300-03
3100	12	0.05	R	6000-120K
3100	15	0.046	SMP	PM3316-150M
3100	15	0.05	SMPS	PM104SH-150
3100	18	0.057	SMPS	PM124SH-180M
3100	22	0.059	SMPS	PM5022S-220M
3100	150	0.11	T	2214-
3100	180	0.12	T	2100HT-181
3100	330	0.18	T	2200HT-331
3100	390	0.098	SMT	PM2110-391K
3100	820	0.3	T	2300HT-821
3150	2.2	0.021	R	RL822-2R2K-RC
3200	1.2	0.019	CC	5300-02
3200	3.9	0.038	SMP	PM1355-3R9K
3200	15	0.036	R	RL110S-150M
3200	15	0.05	SMPS	PM124SH-150M
3200	47	0.064	T	2000-470-
3200	56	0.037	HD	5900-560
3200	330	0.09	SMT	PM2110-331K
3200	560	0.13	SMT	PM2120-561K
3200	680	0.27	T	2300HT-681
3290	3.2	0.094	SMP	PM610-10
3300	1	0.018	CC	5300-01
3300	1.2	0.012	V	3500-1R2M
3300	3.3	0.039	SMPS	PM3316S-3R3M
3300	5	0.019	SMT	PM3604-5
3300	15	0.03	SMPS	PM125SH-150M
3300	27	0.048	R	RL110-270M
3300	39	0.059	T	2000-390-
3300	68	0.067	T	2111-
3300	120	0.098	T	2213-
3300	150	0.11	T	2100HT-151
3300	270	0.16	T	2200HT-271
3300	330	0.1	T	2218-
3300	470	0.119	SMT	PM2120-471K
3320	1.5	0.016	R	RL822-1R5K-RC
3340	3.3	0.035	SMP	PM1355-3R3K
3390	33	0.059	R	6100-330K-RC
3400	10	0.045	R	6000-100K
3400	15	0.048	SMPS	PM5022S-150M
3400	27	0.046	SMPS	PM127SH-270M
3400	33	0.049	SMPS	PM12565S-330M
3400	56	0.06	T	2110-
3400	150	0.062	T	2114-
3400	270	0.082	SMT	PM2110-271K
3400	270	0.092	T	2217-
3400	560	0.24	T	2300HT-561
3400	680	0.15	T	2322-
3480	1.5	0.015	SMPS	PM73SH-1R5M
3500	3.3	0.02	SMPS	PM638S-3R3
3500	10	0.033	SMP	PM3340-100M
3500	12	0.027	SMPS	PM125SH-120M
3500	22	0.047	SMP	PM5022-220M
3500	33	0.054	T	2000-330-
3500	120	0.094	T	2100HT-121
3500	125	0.08	VHD	5252
3500	220	0.053	T	2100LL-221
3500	220	0.074	SMT	PM2110-221K
3500	390	0.108	SMT	PM2120-391K
3500	560	0.101	T	2200LL-561
3500	1000	0.137	T	2300LL-102
3500	1000	0.195	HD	5623
3500	2000	0.03	SMC	PM3700-50
3600	1	0.01	V	3500-1R0M
3600	12	0.024	R	RL110S-120M
3600	22	0.037	R	RL110-220M
3600	22	0.043	SMPS	PM127SH-220M
3600	47	0.055	T	2109-
3600	220	0.083	T	2216-
3600	330	0.1	SMT	PM2120-331K
3600	560	0.14	T	2321-
3600	820	0.123	T	2300LL-821
3600	1000	0.033	CM	7504-RC
3610	2.7	0.03	SMP	PM1355-2R7K
3670	2.2	0.029	SMP	PM1355-2R2K
3700	6.8	0.035	R	RL622-6R8K-RC
3700	180	0.048	T	2100LL-181
3700	180	0.066	SMT	PM2110-181K
3700	470	0.092	T	2200LL-471
3700	500	0.129	HD	5616
3700	5000	0.07	CM	8106
3700	5000	0.07	CM	8106

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Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
3710	1	0.013	R	RL822-1R0K-RC
3750	27	0.047	R	6100-270K-RC
3750	225	0.088	TB	7022
3750	900	0.175	T	5722
3750	900	0.175	TB	6722
3800	2.2	0.032	SMPS	PM3316S-2R2M
3800	10	0.035	SMPS	PM104SH-100
3800	22	0.038	SMPS	PM12565S-220M
3800	180	0.075	T	2215-
3800	390	0.084	T	2200LL-391
3800	470	0.13	T	2320-
3800	680	0.113	T	2300LL-681
3900	1	0.012	SMPS	PM73SH-1R0M
3900	10	0.023	R	RL110S-100M
3900	10	0.038	SMP	PM3316-100M
3900	10	0.04	SMPS	PM5022S-100M
3900	18	0.039	SMPS	PM127SH-180M
3900	150	0.043	T	2100LL-151
3922	0.1	0.13	V	70F107AP
4000	3.9	0.007	HD	5900-3R9
4000	4.7	0.008	HD	5900-4R7
4000	5.6	0.011	HD	5900-5R6
4000	6.8	0.011	HD	5900-6R8
4000	8.2	0.013	HD	5900-8R2
4000	10	0.017	HD	5900-100
4000	10	0.025	SMPS	PM125SH-100M
4000	12	0.019	HD	5900-120
4000	12	0.038	SMPS	PM124SH-120M
4000	15	0.022	HD	5900-150
4000	15	0.036	SMP	PM5022-150M
4000	18	0.023	HD	5900-180
4000	18	0.033	R	RL110-180M
4000	22	0.026	HD	5900-220
4000	27	0.027	HD	5900-270
4000	33	0.032	HD	5900-330
4000	33	0.04	HD	1110-330K
4000	39	0.033	HD	5900-390
4000	39	0.046	HD	1110-390K
4000	40	0.025	T	5731
4000	40	0.025	TB	6731
4000	47	0.035	HD	5900-470
4000	100	0.08	HD	1120-101K
4000	120	0.09	HD	1120-121K
4000	125	0.075	TB	7017
4000	150	0.098	HD	1120-151K
4000	180	0.11	HD	1120-181K
4000	250	0.089	HD	5507
4000	330	0.077	T	2200LL-331
4000	390	0.169	HD	1130-391K
4000	470	0.187	HD	1130-471K
4000	500	0.12	T	5717
4000	500	0.12	TB	6717
4000	560	0.103	T	2300LL-561
4000	560	0.205	HD	1130-561K
4000	1000	0.02	SMC	PM3700-40
4000	2200	0.494	HD	1140-222K
4000	2700	0.555	HD	1140-272K
4000	5000	0.046	CM	7119
4000	8000	0.06	CM	7120
4000	12,000	0.11	CM	8111
4000	12,000	0.11	CM	8111
4000	30,000	0.13	CM	7122
4020	0.56	0.011	SMPS	PM73SH-R56M
4100	6.8	0.035	R	6000-6R8M
4100	27	0.039	T	2000-270-
4100	120	0.039	T	2100LL-121
4120	1.8	0.023	SMP	PM1355-1R8K
4200	270	0.07	T	2200LL-271
4200	270	0.072	SMT	PM2120-271K
4200	470	0.094	T	2300LL-471
4300	4.7	0.03	R	RL622-4R7K-RC
4300	10	0.032	SMP	PM5022-100M
4300	22	0.035	T	2000-220-
4300	100	0.036	T	2100LL-101
4300	150	0.049	SMT	PM2110-151K
4300	220	0.091	T	2200HT-221
4400	6.8	0.027	SMP	PM3316-6R8M
4400	15	0.026	R	RL110-150M
4400	15	0.028	SMPS	PM12565S-150M
4400	15	0.032	SMP	PM5022H-150M
4400	100	0.056	T	2212-
4400	220	0.063	T	2200LL-221
4400	390	0.085	T	2300LL-391
4400	600	0.025	CM	7502-RC
4400	1000	0.183	HD	5629
4420	1.5	0.02	SMP	PM1355-1R5K
4500	1.5	0.022	SMPS	PM3316S-1R5M
4500	7	0.027	SMPS	PM104SH-7R0
4500	10	0.028	SMPS	PM124SH-100M
4500	15	0.027	SMPS	PM127SH-150M
4500	18	0.032	T	2000-180-
4500	27	0.03	HD	1110-270K
4500	100	0.072	HD	5605
4500	270	0.11	HD	1130-271K
4500	330	0.122	HD	1130-331K
4500	470	0.14	T	2300HT-471
4500	1500	0.324	HD	1140-152K
4500	1800	0.36	HD	1140-182K
4520	22	0.039	R	6100-220K-RC
4600	4.7	0.03	R	6000-4R7M
4600	8.2	0.026	SMPS	PM124SH-8R2M
4600	82	0.032	T	2100LL-820
4600	100	0.053	T	2100HT-101
4600	150	0.069	HD	5506

Coil Type

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CM - Common mode
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MS - Molded, shielded
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SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
4600	180	0.082	T	2200HT-181
4600	250	0.083	HD	5615
4600	330	0.079	T	2300LL-331
4700	15	0.029	T	2000-150-
4700	68	0.03	T	2100LL-680
4700	180	0.057	T	2200LL-181
4700	390	0.13	T	2300HT-391
4750	37.5	0.023	TB	7012
4750	150	0.046	T	5712
4750	150	0.046	TB	6712
4800	1.2	0.017	SMP	PM1355-1R2K
4800	4.7	0.018	SMP	PM3316-4R7M
4800	4.7	0.018	SMP	PM3316H-4R7M
4800	10	0.024	SMPS	PM12565S-100M
4800	18	0.027	R	6100-180K-RC
4800	39	0.032	T	2108-
4800	68	0.053	HD	1120-680K
4800	82	0.049	T	2100HT-820
4800	82	0.06	HD	1120-820K
4800	150	0.075	T	2200HT-151
4800	180	0.078	T	2315-
4800	270	0.07	T	2300LL-271
4800	1000	0.022	CM	8103
4800	1000	0.022	CM	8103
4900	6.8	0.023	SMPS	PM124SH-6R8M
4900	12	0.023	R	RL110-120M
4900	12	0.024	SMPS	PM127SH-120M
4900	68	0.046	T	2211-
4900	100	0.061	HD	5505
4900	150	0.052	T	2200LL-151
4900	330	0.1	T	2300HT-331
5000	1	0.021	SMPS	PM3316S-1R0M
5000	7	0.021	SMPS	PM12565S-7R0
5000	18.75	0.02	TB	7007
5000	33	0.029	T	2107-
5000	56	0.026	T	2100LL-560
5000	68	0.054	VHD	5248
5000	75	0.04	T	5707
5000	75	0.04	TB	6707
5000	120	0.067	T	2200HT-121
5000	150	0.071	T	2314-
5000	220	0.052	SMT	PM2120-221K
5000	390	0.072	T	2319-
5000	500	0.09	HD	5622
5000	1000	0.035	CM	7117
5000	2000	0.04	CM	7118
5000	11,000	0.072	CM	7123
5100	1	0.015	SMP	PM1355-1R0K
5100	68	0.044	T	2100HT-680
5100	120	0.035	SMT	PM2110-121K
5100	120	0.047	T	2200LL-121
5100	220	0.063	T	2300LL-221
5200	47	0.024	T	2100LL-470
5200	330	0.067	T	2318-
5280	15	0.024	R	6100-150K-RC
5300	5.6	0.022	SMP	PM5022-5R6M
5300	10	0.022	R	RL110-100M
5300	27	0.026	T	2106-
5300	56	0.04	T	2100HT-560
5300	100	0.061	T	2200HT-101
5300	180	0.047	SMT	PM2120-181K
5400	3.3	0.015	SMP	PM3316-3R3M
5400	5.2	0.022	SMPS	PM104SH-5R2
5400	10	0.022	SMPS	PM127SH-100M
5400	100	0.032	SMT	PM2110-101K
5500	3.3	0.025	R	6000-3R3M
5500	3.3	0.025	R	RL622-3R3K-RC
5500	3.8	0.013	SMPS	PM104SH-3R8
5500	4.2	0.018	SMPS	PM12565S-4R2
5500	6	0.007	TB	7002
5500	22	0.02	HD	1110-220K
5500	25	0.014	T	5702
5500	25	0.014	TB	6702
5500	27	0.026	HD	1120-270K
5500	33	0.029	HD	1120-330K
5500	39	0.03	HD	1120-390K
5500	47	0.035	HD	1120-470K
5500	56	0.039	HD	1120-560K
5500	150	0.043	SMT	PM2120-151K
5500	150	0.064	HD	1130-151K
5500	180	0.072	HD	1130-181K
5500	220	0.08	HD	1130-221K
5500	270	0.06	T	2317-
5500	750	0.012	SMC	PM3700-30
5500	1000	0.216	HD	1140-102K
5500	1200	0.232	HD	1140-122K
5600	47	0.036	T	2100HT-470
5600	50	0.045	HD	5504
5600	82	0.029	SMT	PM2110-820K
5600	82	0.055	T	2200HT-820
5600	8000	0.055	CM	8112
5600	8000	0.055	CM	8112
5700	4.7	0.018	SMPS	PM124SH-4R7M
5750	12	0.022	R	6100-120K-RC
5800	68	0.05	T	2200HT-680
5800	120	0.039	SMT	PM2120-121K
5800	220	0.054	T	2316-
5900	3.3	0.014	SMP	PM3316H-3R3M
5900	7.6	0.02	SMPS	PM127SH-7R6N
5900	39	0.033	T	2100HT-390
5900	68	0.027	SMT	PM2110-680K
6000	6.1	0.018	SMPS	PM127SH-6R1N
6000	10	0.026	SMP	PM5022H-100M
6000	500	0.01	SMC	PM3700-20

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SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
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Selector Guide

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
6100	2.2	0.012	SMP	PM3316-2R2M
6100	2.5	0.01	SMPS	PM104SH-2R5
6100	33	0.031	T	2100HT-330
6100	56	0.046	T	2200HT-560
6100	100	0.035	SMT	PM2120-101K
6200	2	0.014	SMPS	PM12565S-2R0
6200	3.3	0.016	SMP	PM5022-3R3M
6200	56	0.024	SMT	PM2110-560K
6300	150	0.046	HD	5514
6330	10	0.02	R	6100-100K-RC
6400	1.5	0.01	SMP	PM3316-1R5M
6400	12	0.016	T	2000-120-
6400	27	0.028	T	2100HT-270
6400	47	0.042	T	2200HT-470
6400	56	0.026	T	2210-
6400	82	0.032	SMT	PM2120-820K
6400	250	0.059	HD	5621
6500	1.5	0.008	SMPS	PM104SH-1R5
6500	2.2	0.021	R	6000-2R2M
6500	2.2	0.021	R	RL622-2R2K-RC
6500	3.9	0.015	SMPS	PM124SH-3R9M
6500	47	0.022	SMT	PM2110-470K
6500	270	0.067	T	2300HT-271
6500	500	0.085	HD	5628
6600	2.7	0.012	SMP	PM3316H-2R7M
6600	10	0.015	T	2000-100-
6600	39	0.015	T	2100LL-390
6600	50	0.034	HD	5604
6600	2000	0.022	CM	8107
6600	2000	0.022	CM	8107
6700	22	0.026	T	2100HT-220
6700	47	0.024	T	2209-
6700	68	0.029	SMT	PM2120-680K
6700	120	0.04	T	2313-
6700	180	0.037	T	2300LL-181
6800	1	0.009	SMP	PM3316-1R0M
6800	4.7	0.016	SMPS	PM127SH-4R7N
6800	39	0.02	SMT	PM2110-390K
6800	100	0.027	T	2200LL-101
6800	100	0.038	HD	5513
6800	220	0.061	T	2300HT-221
6900	33	0.014	T	2100LL-330
7000	8.2	0.014	T	2000-8R2-
7000	22	0.015	T	2105-
7000	27	0.03	HD	5503
7000	33	0.019	SMT	PM2110-330K
7000	100	0.034	HD	5614
7000	100	0.037	T	2312-
7000	150	0.033	T	2300LL-151
7000	200	0.008	SMC	PM3700-10
7100	2.2	0.014	SMP	PM5022-2R2M
7100	39	0.022	T	2208-
7100	82	0.024	T	2200LL-820
7200	6.8	0.013	T	2000-6R8-
7200	15	0.015	HD	1110-150K
7200	18	0.016	HD	1110-180K
7200	18	0.018	HD	1120-180K
7200	22	0.019	HD	1120-220K
7200	120	0.046	HD	1130-121K
7200	180	0.055	T	2300HT-181
7200	470	0.114	HD	1140-471K
7200	560	0.125	HD	1140-561K
7200	680	0.139	HD	1140-681K
7200	820	0.154	HD	1140-821K
7300	27	0.012	T	2100LL-270
7300	68	0.034	HD	5512
7400	2.2	0.011	SMP	PM3316H-2R2M
7400	18	0.013	T	2104-
7400	33	0.02	T	2207-
7400	120	0.03	T	2300LL-121
7500	3.5	0.014	SMPS	PM127SH-3R5N
7500	6	0.017	SMP	PM5022H-6R0M
7500	7.8	0.018	SMP	PM5022H-7R8M
7500	9	0.0149	SMPS	PM12651S-9R0M
7500	10	0.0149	SMPS	PM13560S-100M
7500	22	0.012	T	2100LL-220
7500	150	0.05	T	2300HT-151
7600	68	0.022	T	2200LL-680
7700	15	0.012	T	2103-
7700	68	0.03	T	2311-
7750	31.25	0.016	TB	7016
7750	125	0.032	T	5716
7750	125	0.032	TB	6716
7800	100	0.027	T	2300LL-101
7900	56	0.021	SMT	PM2120-560K
8000	4	0.012	VHD	5230
8000	25	0.023	HD	5603
8000	50	0.028	HD	5511
8000	62.5	0.021	TB	7021
8000	120	0.045	T	2300HT-121
8000	250	0.041	T	5721
8000	250	0.041	TB	6721
8100	39	0.026	T	2200HT-390
8100	82	0.025	T	2300LL-820
8200	27	0.014	SMT	PM2110-270K
8200	47	0.019	SMT	PM2120-470K
8300	100	0.041	T	2300HT-101
8400	4.7	0.014	SMP	PM5022H-4R7M
8400	33	0.025	T	2200HT-330
8500	1.5	0.016	R	6000-1R5M
8500	1.5	0.016	R	RL622-1R5K-RC
8500	68	0.023	T	2300LL-680
8600	1	0.011	SMP	PM5022-1R0M
8600	18	0.016	T	2100HT-180

Coil Type

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SMT - Surface mount toroid
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SMC - Surface mount common mode
T - Toroid
HD - Heavy duty
SMCH - Surface mount, chip
TB - Toroid mounted on base
M - Molded
SMP - Surface mount, power
V - Varnished
MS - Molded, shielded
SMPS - Surface mount, power, shielded
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
8600	33	0.19	SMPS	PM7032S-330M
8800	82	0.037	T	2300HT-820
8900	27	0.022	T	2200HT-270
8900	56	0.02	T	2300LL-560
8900	5000	0.022	CM	8113
8900	5000	0.022	CM	8113
9000	1	0.003	HD	1110-1R0M
9000	1.2	0.003	HD	1110-1R2M
9000	1.5	0.004	HD	1110-1R5M
9000	1.5	0.008	SMP	PM3316H-1R5M
9000	1.5	0.0095	SMPS	PM7232S-1R5M
9000	1.8	0.004	HD	1110-1R8M
9000	2.2	0.005	HD	1110-2R2M
9000	2.7	0.005	HD	1110-2R7M
9000	3.3	0.005	HD	1110-3R3M
9000	3.9	0.006	HD	1110-3R9M
9000	3.9	0.01	SMP	PM5022H-3R9M
9000	4.7	0.007	HD	1110-4R7M
9000	5.6	0.007	HD	1110-5R6M
9000	6.25	0.006	TB	7006
9000	6.8	0.008	HD	1110-6R8M
9000	8.2	0.009	HD	1110-8R2M
9000	10	0.01	HD	1110-100K
9000	10	0.017	HD	5502
9000	12	0.011	HD	1110-120K
9000	15	0.013	HD	1120-150K
9000	25	0.012	T	5706
9000	25	0.012	TB	6706
9000	27	0.022	HD	5510
9000	47	0.024	HD	1130-470K
9000	56	0.026	HD	1130-560K
9000	68	0.029	HD	1130-680K
9000	82	0.032	HD	1130-820K
9000	100	0.034	HD	1130-101K
9000	250	0.04	HD	5627
9000	390	0.082	HD	1140-391K
9100	15	0.014	T	2100HT-150
9200	68	0.034	T	2300HT-680
9300	22	0.02	T	2200HT-220
9300	7300	0.032	CM	8118
9300	7300	0.032	CM	8118
9500	6	0.0107	SMPS	PM13560S-6R0M
9500	12.5	0.006	TB	7011
9500	50	0.012	T	5711
9500	50	0.012	TB	6711
9600	12	0.013	T	2100HT-120
9600	39	0.014	SMT	PM2120-390K
9700	5.6	0.0069	T	2000-5R6-
9700	18	0.018	T	2200HT-180
9700	22	0.01	SMT	PM2110-220K
9700	56	0.03	T	2300HT-560
9800	1.2	0.007	SMPS	PM127SH-1R2N
9800	27	0.011	T	2206-
9800	56	0.013	T	2200LL-560
9800	100	0.027	HD	5620
9900	10	0.012	T	2100HT-100
10000	1	0.006	SMP	PM3316H-1R0M
10000	1	0.0084	SMPS	PM7232S-1R0M
10000	1	0.013	R	6000-1R0M
10,000	1	0.013	R	RL622-1R0K-RC
10000	3.3	0.0086	SMP	PM5022H-3R3M
10000	5	0.013	HD	5501
10000	8.8	0.021	VHD	5220
10000	47	0.028	T	2300HT-470
10000	50	0.017	HD	5613
10000	68	0.023	HD	5519
10000	100	0.027	HD	5520
10000	1000	0.01	CM	8108
10000	1000	0.01	CM	8108
10000	3000	0.02	CM	7124
10100	4.7	0.0064	T	2000-4R7-
10100	18	0.007	T	2100LL-180
10100	33	0.013	SMT	PM2120-330K
10200	18	0.009	SMT	PM2110-180K
10200	56	0.017	T	2310-
10300	12	0.007	T	2102-
10300	15	0.017	T	2200HT-150
10300	22	0.01	T	2205-
10300	47	0.012	T	2200LL-470
10400	27	0.012	SMT	PM2120-270K
10500	3.9	0.0059	T	2000-3R9-
10500	15	0.006	T	2100LL-150
10500	50	0.02	HD	5518
10700	15	0.008	SMT	PM2110-150K
10700	47	0.016	T	2309-
10800	10	0.006	T	2101-
10800	18	0.009	T	2204-
10800	39	0.011	T	2200LL-390
10900	12	0.006	T	2100LL-120
10900	12	0.015	T	2200HT-120
11000	2.5	0.004	TB	7001
11000	10	0.008	T	5701
11000	10	0.008	TB	6701
11000	22	0.011	SMT	PM2120-220K
11100	3.3	0.0053	T	2000-3R3-
11100	33	0.01	T	2200LL-330
11200	10	0.014	T	2200HT-100
11200	39	0.014	T	2308-
11300	12	0.007	SMT	PM2110-120K
11300	15	0.008	T	2203-
11400	1	0.003	HD	1120-1R0M
11400	1.2	0.003	HD	1120-1R2M
11400	1.5	0.003	HD	1120-1R5M
11400	1.8	0.003	HD	1120-1R8M

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SMPS - Surface mount, power, shielded
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Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
11400	2.2	0.004	HD	1120-2R2M
11400	2.7	0.005	HD	1120-2R7M
11400	3.3	0.005	HD	1120-3R3M
11400	3.9	0.005	HD	1120-3R9M
11400	4.7	0.005	HD	1120-4R7M
11400	5.6	0.006	HD	1120-5R6M
11400	6.8	0.007	HD	1120-6R8M
11400	8.2	0.007	HD	1120-8R2M
11400	10	0.005	T	2100LL-100
11400	10	0.009	HD	1120-100K
11400	12	0.009	HD	1120-120K
11400	39	0.022	HD	1130-390K
11400	150	0.04	HD	1140-151K
11400	180	0.045	HD	1140-181K
11400	220	0.05	HD	1140-221K
11400	270	0.056	HD	1140-271K
11400	330	0.074	HD	1140-331K
11500	2.5	0.011	SMPS	PM1038S-2R5M
11700	8.2	0.005	T	2100LL-8R2
11700	10	0.007	SMT	PM2110-100K
11700	33	0.013	T	2307-
11800	18	0.009	SMT	PM2120-180K
11800	27	0.009	T	2200LL-270
11800	47	0.012	T	2300LL-470
12000	0.68	0.005	SMP	PM3316H-R68M
12000	2.2	0.0061	SMP	PM5022H-2R2M
12000	4.7	0.0072	SMPS	PM12651S-4R7M
12000	10	0.012	HD	5509
12000	12	0.008	T	2202-
12200	15	0.009	SMT	PM2120-150K
12200	39	0.011	T	2300LL-390
12300	6.8	0.004	T	2100LL-6R8
12500	0.72	0.008	SMPS	PM7232S-R72M
12500	10	0.007	T	2201-
12500	27	0.014	HD	5517
12500	2500	0.011	CM	8114
12500	2500	0.011	CM	8114
12600	8.2	0.006	SMT	PM2110-8R2M
12600	22	0.008	T	2200LL-220
12700	12	0.008	SMT	PM2120-120K
13000	33	0.01	T	2300LL-330
13000	33	0.01	T	2300LL-330
13000	39	0.017	T	2300HT-390
13100	5.6	0.004	T	2100LL-5R6
13100	6.8	0.005	SMT	PM2110-6R8M
13100	18	0.007	T	2200LL-180
13200	8.2	0.007	T	2100HT-8R2
13500	12	0.008	HD	1130-120K
13500	15	0.009	HD	1130-150K
13500	18	0.01	HD	1130-180K
13500	22	0.011	HD	1130-220K
13500	27	0.012	HD	1130-270K
13500	33	0.017	HD	1130-330K
13600	15	0.007	T	2200LL-150
13600	33	0.015	T	2300HT-330
13700	5.6	0.005	SMT	PM2110-5R6M
13700	6.8	0.006	T	2100HT-6R8
13900	10	0.007	SMT	PM2120-100K
14000	4.7	0.003	T	2100LL-4R7
14000	5	0.009	HD	5508
14000	10	0.008	HD	5602
14000	25	0.009	HD	5612
14000	50	0.012	HD	5619
14000	100	0.018	HD	5626
14200	12	0.006	T	2200LL-120
14300	5.6	0.006	T	2100HT-5R6
14300	10	0.006	T	2200LL-100
14300	27	0.014	T	2300HT-270
14400	4.7	0.004	SMT	PM2110-4R7M
14400	47	0.018	HD	1140-470K
14400	56	0.019	HD	1140-560K
14400	68	0.021	HD	1140-680K
14400	82	0.023	HD	1140-820K
14400	100	0.025	HD	1140-101K
14400	120	0.028	HD	1140-121K
14500	4000	0.012	CM	8119
14500	4000	0.012	CM	8119
14700	2.7	0.003	T	2000-2R7-
14700	6.8	0.006	SMT	PM2120-6R8M
14700	8.2	0.006	SMT	PM2120-8R2M
14900	4.7	0.006	T	2100HT-4R7
15000	0.47	0.003	SMPS	PM7232S-R47M
15000	0.78	0.0026	SMP	PM5022H-R78M
15000	1.5	0.004	SMP	PM5022H-1R5M
15000	1.7	0.0079	SMPS	PM1038S-1R7M
15000	4.9	0.016	VHD	5219
15000	5	0.007	HD	5601
15000	27	0.01	HD	5523
15000	50	0.013	HD	5524
15100	3.3	0.003	T	2100LL-3R3
15100	3.9	0.004	SMT	PM2110-3R9M
15100	8.2	0.005	T	2200LL-8R2
15100	8.2	0.008	T	2200HT-8R2
15300	3.9	0.005	T	2100HT-3R9
15600	2	0.0027	T	2000-2R0-
15600	5.6	0.005	SMT	PM2120-5R6M
15600	27	0.008	T	2306-
15700	6.8	0.007	T	2200HT-6R8
16000	0.25	0.0021	SMPS	PM7232S-R25M
16000	0.33	0.002	SMP	PM3316H-R33M
16000	2.7	0.004	SMT	PM2110-2R7M
16000	3.3	0.004	SMT	PM2110-3R3M
16000	6.8	0.005	T	2200LL-6R8
16000	10	0.008	HD	5516

Coil Type

CC - Conformal coated
CM - Common mode
HD - Heavy duty
M - Molded
MS - Molded, shielded
R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

Current (mA)	Inductance (µH)	Resistance (ohms)	Coil Type	Part Number
16000	1200	0.006	CM	8115
16000	1200	0.006	CM	8115
16100	3.3	0.005	T	2100HT-3R3
16100	5.6	0.007	T	2200HT-5R6
16400	22	0.007	T	2305-
16500	2.2	0.003	T	2100LL-2R2
16600	4.7	0.005	SMT	PM2120-4R7M
16900	4.7	0.006	T	2200HT-4R7
17000	0.22	0.0014	SMPS	PM7232S-R22M
17000	1.2	0.0047	SMPS	PM1038S-1R2M
17000	10	0.006	HD	5611
17000	10	0.006	HD	1130-100K
17000	27	0.006	T	2300LL-270
17000	2400	0.008	CM	8120
17000	2400	0.008	CM	8120
17100	2.7	0.004	T	2100HT-2R7
17100	4.7	0.004	T	2200LL-4R7
17200	2.2	0.003	SMT	PM2110-2R2M
17200	18	0.006	T	2304-
17700	22	0.005	T	2300LL-220
17800	3.9	0.006	T	2200HT-3R9
18000	2.7	0.0043	SMPS	PM12645S-2R7M
18000	3.3	0.004	SMT	PM2120-3R3M
18000	3.9	0.004	SMT	PM2120-3R9M
18000	15	0.006	T	2303-
18300	2.2	0.004	T	2100HT-2R2
18500	1.5	0.002	T	2100LL-1R5
18500	1.8	0.003	SMT	PM2110-1R8M
18500	3.9	0.004	T	2200LL-3R9
18500	18	0.005	T	2300LL-180
18600	15	0.005	T	2300LL-150
18700	1.5	0.002	T	2000-1R5-
18800	3.3	0.005	T	2200HT-3R3
19000	5	0.006	HD	5515
19000	22	0.008	T	2300HT-220
19100	12	0.005	T	2302-
19600	12	0.004	T	2300LL-120
19600	12	0.004	T	2300LL-120
19700	2.2	0.003	SMT	PM2120-2R2M
19700	2.7	0.003	SMT	PM2120-2R7M
19800	1.5	0.003	T	2100HT-1R5
20000	0.11	0.0017	SMPS	PM7232S-R11M
20000	0.75	0.0035	SMPS	PM1038S-R75M
20000	1.8	0.0035	SMPS	PM12645S-1R8M
20000	3.35	0.01	VHD	5218
20000	5	0.005	HD	5610
20000	10	0.005	T	2301-
20000	10	0.006	HD	5522
20000	1000	0.007	CM	8121
20000	1000	0.007	CM	8121
20100	2.2	0.005	T	2200HT-2R2
20200	1.2	0.0017	T	2000-1R2-
20200	18	0.007	T	2300HT-180
20300	1.2	0.002	SMT	PM2110-1R2M
20300	1.5	0.002	SMT	PM2110-1R5M
20300	2.7	0.003	T	2200LL-2R7
20800	10	0.004	T	2300LL-100
20800	15	0.007	T	2300HT-150
21000	1	0.003	HD	1130-1R0M
21000	1.2	0.003	HD	1130-1R2M
21000	1.5	0.003	HD	1130-1R5M
21000	1.8	0.003	HD	1130-1R8M
21000	2.2	0.003	HD	1130-2R2M
21000	2.7	0.003	HD	1130-2R7M
21000	3.3	0.003	HD	1130-3R3M
21000	3.9	0.003	HD	1130-3R9M
21000	4.7	0.003	HD	1130-4R7M
21000	5.6	0.003	HD	1130-5R6M
21000	6.8	0.004	HD	1130-6R8M
21000	8.2	0.004	HD	1130-8R2M
21000	22	0.009	HD	1140-220K
21000	27	0.01	HD	1140-270K
21000	33	0.011	HD	1140-330K
21000	39	0.012	HD	1140-390K
21400	1	0.002	T	2100LL-1R0
21700	1	0.003	T	2100HT-1R0
21800	1.8	0.004	T	2200HT-1R8
22000	0.1	0.0009	SMPS	PM7232S-R10M
22000	1.2	0.0029	SMPS	PM12639S-1R2M
22000	1.5	0.003	SMT	PM2120-1R5M
22000	1.8	0.003	SMT	PM2120-1R8M
22100	0.8	0.0014	T	2000-R8-
22300	8.2	0.003	T	2300LL-6R8
22400	12	0.006	T	2300HT-120
22600	1.8	0.002	T	2200LL-1R8
22700	1	0.002	SMT	PM2110-1R0M
23000	0.5	0.00148	SMPS	PM1038S-R50M
23000	5	0.004	HD	5521
23300	10	0.006	T	2300HT-100
23800	1.2	0.003	T	2200HT-1R2
24000	0.39	0.0015	SMPS	PM1038S-R39M
24000	0.5	0.0011	SMPS	PM12651S-R50M
24000	5.6	0.003	T	2300LL-5R6
24300	8.2	0.005	T	2300HT-8R2
24500	6.8	0.005	T	2300HT-6R8
24700	0.5	0.0012	T	2000-R5-
25000	1	0.0144	SMPS	PM13666S-1R0M
25400	1	0.002	SMT	PM2120-1R0M
25400	1.2	0.002	SMT	PM2120-1R2M
25800	5.6	0.005	T	2300HT-5R6
26100	1	0.002	T	2200LL-1R0
26300	3.9	0.002	T	2300LL-3R9
27000	1.2	0.002	SMPS	PM12645S-1R2M
27000	1.8	0.002	HD	1140-1R8M

Coil Type

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R - Radial lead
SMC - Surface mount common mode
SMCH - Surface mount, chip
SMP - Surface mount, power
SMPS - Surface mount, power, shielded
SMT - Surface mount toroid
T - Toroid
TB - Toroid mounted on base
V - Varnished
VHD - Varnished heavy duty

J.W. Miller to Bourns Product Cross Reference

PMA	
1206L	MA3216-xxxM4
1206H	MA3216-xxxT4
0402	MU1005

PMC	
0603	MG,MU,MZ1608
0805	MG,MU,MZ2029
1206	MG,MU,MZ3261

PMH	
0603	MH1608
0805	MH2029
1206	MH3261
1806	MH4516
1812	MH4532

Chip Inductors	
PM0402	CI100505
PM0402T	CM100505
PM0603	CW160808
PM0603H	CM160808
PM0603T	CI160808
PM0805	CW201212
PM0805G	CV201210
PM0805H	CE201210
PM1008	CW252016
PM1008M	CM252016
PM1210	CM322522
PM1210G	CF322513
PM1812	CM453232
PM1812G	CF453215
PM1812H	CC453232*
PM20S	CC322522*

Power Inductors (Shielded) (PCS)	
PM104SH	SRU1038
PM105SB	SRR0905*
PM124SH	SRR1240
PM12565S	SRR1260*
PM125SH	SRR1260
PM127SH	SRR1208
PM1608S	SRR6603
PM3316S	SRR1005
PM428S	SRR4028*
PM42S	SRR4018*
PM5022S	SRR1806
PM518S	SRR5018*
PM528S	SRR5028*
PM628S	SRR6028*
PM638S	SRR6038*
PM7032S	SRR7032
PM7232S	SRP7030
PM12639S	SRP1235
PM12645S	SRP1250
PM12651S	SRP1250
PM74SH	SRR7045

Common Mode Chip Inductors (CMC)	
PM0805CM	SRF2012*
PM1206CM	SRF3216*

Power Inductors (Unshielded) (PCNS)	
PM105	SDR1006
PM1608	SDR6603*
PM32	SDR0302
PM3316	SDR1005
PM43	SDR0403
PM5022	SDR1806
PM5022H	SDR2207
PM52	SDR0603*
PM54	SDR0604
PM75	SDR0805

** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.*

Multilayer Ferrite Chip Bead Arrays

Special Features

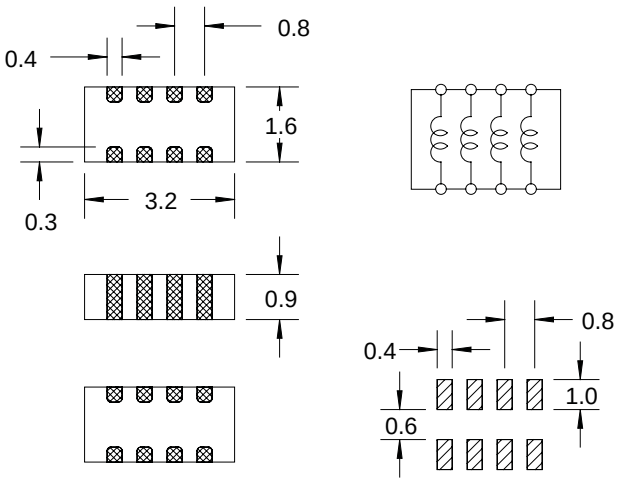
- Four ferrite beads in single package
- Magnetically shielded circuits avoid coupling
- Multilayer construction for high reliability
- Solder coated terminals for wave and reflow solder
- Available in Type L for low frequency and Type H for high frequency applications
- Operating temperature: -55 to +125 °C
- Tape & reel packaged, 3000/Reel

Typical Applications

- EMI suppression in multiple-line circuits
- Cell phones
- Pagers
- Hand-held organizers
- High-frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

PMA Series				
Part Number	Z (Ω) ± 25 % @100MHz	DCR (Ω) Max.	I, DC (mA)	Bourns Equivalent
Type L				
PMA1206L-300-RC	30	0.4	350	MA3212-xxxM4
PMA1206L-600-RC	60	0.4	250	
PMA1206L-121-RC	120	0.8	150	
PMA1206L-241-RC	240	0.8	150	
PMA1206L-301-RC	300	0.8	150	
PMA1206L-471-RC	470	1.0	100	
PMA1206L-601-RC	600	1.5	100	
PMA1206L-102-RC	1000	1.7	50	
Type H				
PMA1206H-600-RC	60	0.8	150	MA3215-xxxT4
PMA1206H-121-RC	120	0.8	150	
PMA1206H-221-RC	220	0.8	150	
PMA1206H-471-RC	470	1.0	100	
PMA1206H-601-RC	600	1.5	100	

Only available as RoHS compliant.



Pad Layout

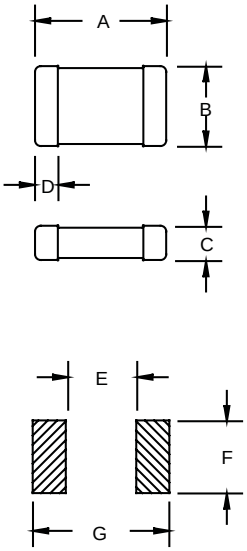
Dimensions: mm
Tolerance: -/+ 0.2

Special Features

- High impedance
- Reduce high frequency noise interference
- Multilayer construction for high reliability
- Solder coated terminals for wave and reflow solder
- Operating temperature: -55 to +125 °C

Notes

* Current to cause 20 °C max. temperature rise



Pad Layout

Also available as RoHS compliant

PMC					
Part Number	Z (Ω) ±25 %	Test Freq. (MHz)	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalen
PMC0402-100-RC	10	100	0.10	500	MU1005
PMC0402-300-RC	30	100	0.20	300	
PMC0402-600-RC	60	100	0.25	300	
PMC0402-121-RC	120	100	0.30	100	
PMC0402-241-RC	240	100	0.40	100	
PMC0402-301-RC	300	100	0.50	100	
PMC0402-601-RC	600	100	1.1	50	
PMC0402-102-RC	1000	100	1.5	50	
PMC0603-300-RC	30	100	0.2	200	MG, MU, MZ1608
PMC0603-600-RC	60	100	0.2	200	
PMC0603-101-RC	100	100	0.3	200	
PMC0603-121-RC	120	100	0.4	200	
PMC0603-151-RC	150	100	0.4	100	
PMC0603-221-RC	220	100	0.5	200	
PMC0603-301-RC	300	100	0.6	100	
PMC0603-601-RC	600	100	0.8	100	
PMC0603-102-RC	1000	100	1.0	100	
PMC0603-152-RC	1500	100	1.0	50	
PMC0603-202-RC	2000	100	1.0	50	
PMC0805-100-RC	10	100	0.2	500	MG, MU, MZ2029
PMC0805-300-RC	30	100	0.3	400	
PMC0805-600-RC	60	100	0.3	400	
PMC0805-101-RC	100	100	0.4	400	
PMC0805-121-RC	120	100	0.3	300	
PMC0805-151-RC	150	100	0.5	200	
PMC0805-221-RC	220	100	0.5	200	
PMC0805-301-RC	300	100	0.5	200	
PMC0805-601-RC	600	100	1.0	100	
PMC0805-102-RC	1000	100	1.0	100	
PMC0805-152-RC	1500	100	1.0	100	
PMC0805-202-RC	2000	100	1.5	100	
PMC1206-300-RC	30	100	0.2	500	MG, MU, MZ3261
PMC1206-600-RC	60	100	0.3	400	
PMC1206-750-RC	75	100	0.3	400	
PMC1206-101-RC	100	100	0.3	400	
PMC1206-121-RC	120	100	0.3	400	
PMC1206-151-RC	150	100	0.5	400	
PMC1206-221-RC	220	100	0.5	400	
PMC1206-301-RC	300	100	0.5	200	
PMC1206-601-RC	600	100	0.5	200	
PMC1206-102-RC	1000	50	1.0	100	
PMC1206-152-RC	1500	50	1.0	100	
PMC1206-202-RC	2000	30	0.6	100	

Only available as RoHS compliant.

Dimensions: mm

Chip Size	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F	Dim. G	Reel Size
PMC0402	1.00	0.50	0.50	0.25	0.4	0.5	1.4	10,000
PMC0603	1.60	0.80	0.80	0.5	0.6	0.8	2.6	4000
PMC0805	2.00	1.25	0.90	0.5	1.0	1.0	3.0	4000
PMC1206	3.20	1.60	1.10	0.5	2.2	1.4	4.4	3000

Special Features

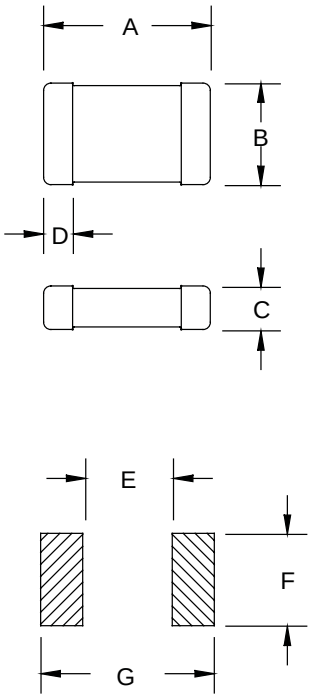
- High current capacity
- Reduce high frequency noise interference
- Multilayer construction for high reliability
- Solder coated terminals for wave and reflow solder
- Operating temperature: -55 to +125 °C

Notes

* Current to cause 20 °C max. temperature rise

PMH Series				
Part Number	Z (Ω) ±25 % @100MHz	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PMH0603-100-RC	10	0.01	5	
PMH0603-300-RC	30	0.03	3	
PMH0603-600-RC	60	0.04	3	
PMH0603-101-RC	100	0.05	2.5	
PMH0603-121-RC	120	0.05	2.5	MH1608
PMH0603-151-RC	150	0.1	2	
PMH0603-221-RC	220	0.1	2	
PMH0603-301-RC	300	0.1	2	
PMH0603-601-RC	600	0.2	1	
PMH0805-100-RC	10	0.01	6	
PMH0805-300-RC	30	0.015	6	
PMH0805-400-RC	40	0.02	5	
PMH0805-600-RC	60	0.02	5	
PMH0805-800-RC	80	0.02	5	
PMH0805-101-RC	100	0.02	5	
PMH0805-121-RC	120	0.02	5	MH2029
PMH0805-201-RC	200	0.04	3	
PMH0805-221-RC	220	0.04	3	
PMH0805-301-RC	300	0.15	1	
PMH0805-401-RC	400	0.1	2	
PMH0805-601-RC	600	0.1	2	
PMH0805-102-RC	1000	0.3	.5	
PMH1206-300-RC	30	0.03	4	
PMH1206-500-RC	50	0.03	4	
PMH1206-700-RC	70	0.03	4	
PMH1206-800-RC	80	0.03	4	
PMH1206-900-RC	90	0.04	3	MH3261
PMH1206-101-RC	100	0.04	3	
PMH1206-121-RC	120	0.03	3	
PMH1206-501-RC	500	0.1	1.5	
PMH1206-601-RC	600	0.10	1.5	

Only available as RoHS compliant.



Pad Layout

Dimensions: mm

Chip Size	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F	Dim. G	Reel
PMH0603	1.60	0.80	0.80	0.3	0.6	0.8	2.6	4000
PMH0805	2.00	1.25	0.90	0.5	1.0	1.0	3.0	4000
PMH1206	3.20	1.60	1.10	0.5	2.2	1.4	4.4	3000

Special Features

- High current capacity up to 5 A
- Low DC resistance
- Multiple sizes available
- Low cost
- Operating temperature: -55 to +125 °C
- Tape & reel packaged

Typical Applications

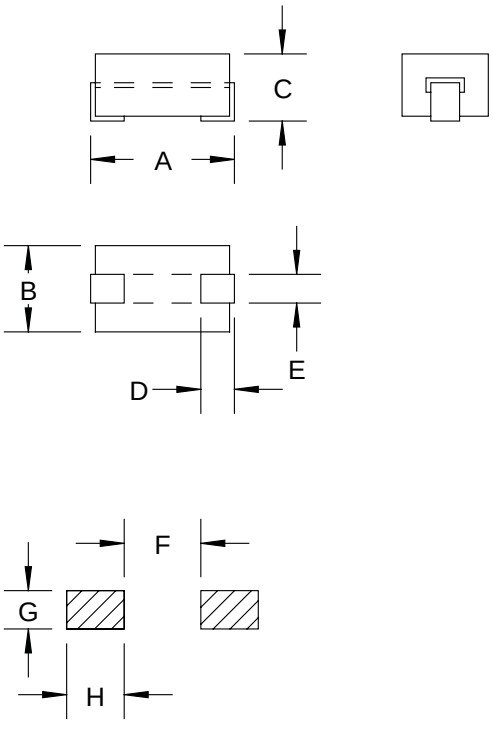
- EMI suppression
- Cordless phones
- Hand-held organizers
- High-frequency wireless communication devices
- Computer peripherals
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

PM2000 Series			
Part Number	Z (Ω) ±25 % @25MHz	Z (Ω) ±25 % @100MHz	DCR (Ω) Max.
PM2001-200-RC	20	30	0.0005
PM2002-300-RC	30	47	0.0006
PM2003-600-RC	60	90	0.0009

Only available as RoHS compliant.

Dimensions: mm

Chip Size	Dim. A ± 0.15	Dim. B ± 0.10	Dim. C ± 0.10	Dim. D ± 0.20	Dim. E ± 0.65	Dim. F (Ref)	Dim. G (Ref)	Dim. H (Ref)	Reel Size
PM2001-200-RC	3.60	2.50	2.30	1.15	1.35	0.8	2.0	2.2	1000
PM2002-300-RC	4.60	3.10	2.84	1.35	1.35	1.0	2.0	2.5	500
PM2003-600-RC	9.10	3.10	2.84	1.35	1.35	4.5	2.0	3.0	500



Pad Layout

Special Features

- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ceramic material construction provides very stable electrical characteristics
- Operating temperature -25 to +105 °C
- Tape & reel packaged 10,000/reel

Typical Applications

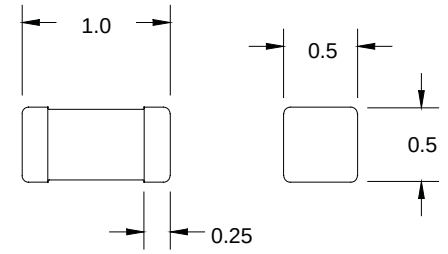
- Small cellular phones
- PDAs
- Pagers
- Handheld organizers
- High-frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

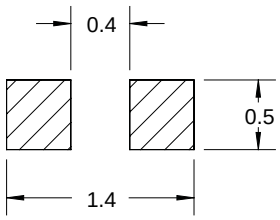
Notes

* Current to cause 20 °C of temperature rise

PM0402 Series							
Part Number	L (nH) ±0.3nH @ 100MHz	Q Typ. @ 100MHz	Q Typ. @ 800MHz	SRF (MHz) Typ.	DCR (Ω) Max.	I,DC* (mA)*	Bourns Equivalent
PM0402-1N0-RC	1.0	9	32	12000	0.12	300	
PM0402-1N2-RC	1.2	9	32	12000	0.12	300	
PM0402-1N5-RC	1.5	10	32	12000	0.13	300	
PM0402-1N8-RC	1.8	10	29	10000	0.14	300	
PM0402-2N2-RC	2.2	10	28	9000	0.16	300	
PM0402-2N7-RC	2.7	10	28	8000	0.17	300	
PM0402-3N3-RC	3.3	10	27	7000	0.19	300	
PM0402-3N9-RC	3.9	10	27	6000	0.22	300	
PM0402-4N7-RC	4.7	10	27	5000	0.24	300	
PM0402-5N6-RC	5.6	10	27	4700	0.27	300	
	±5 %						
PM0402-6N8J-RC	6.8	10	27	4500	0.32	250	CI100505
PM0402-8N2J-RC	8.2	10	28	3900	0.37	250	
PM0402-10NJ-RC	10	10	28	3300	0.42	250	
PM0402-12NJ-RC	12	10	30	2900	0.50	250	
PM0402-15NJ-RC	15	10	28	2500	0.55	250	
PM0402-18NJ-RC	18	10	28	2100	0.65	200	
PM0402-22NJ-RC	22	10	28	1800	0.80	200	
PM0402-27NJ-RC	27	10	27	1600	0.90	200	
PM0402-33NJ-RC	33	11	25	1300	1.0	200	
PM0402-39NJ-RC	39	11	24	1200	1.2	150	
PM0402-47NJ-RC	47	11	23	1000	1.3	150	
PM0402-56NJ-RC	56	11	21	750	1.4	150	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.1

Special Features

- Ceramic core, wirewound for superior reliability
- High self resonant frequency
- Very stable electrical characteristic
- Flat top surface for automated pick & place
- Operating temperature -40 to +125 °C
- Tape & reel packaged 10,000/reel

Typical Applications

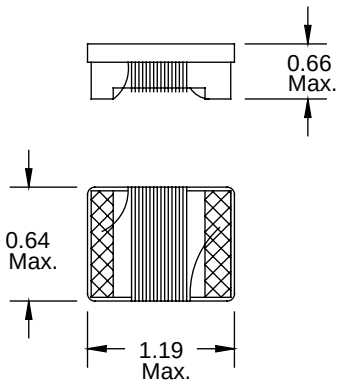
- Small cellular phones
- PDA
- Pagers
- Hand-held organizers
- High frequency wireless communication devices
- Laptop computers
- Network cards
- Industrial electronics
- Entertainment electronic devices

Notes

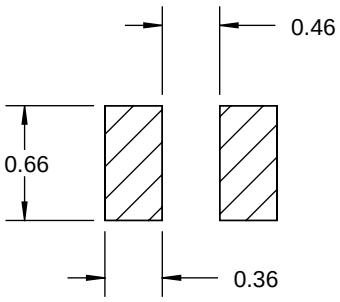
* Current to cause approx. 15 °C of temperature rise

PM0402C Series							
Part Number	L (nH) ±0.3 nH	Q Min	Test Freq. (MHz)	Q Typ. @900 (MHz)	SRF (MHz) Min.	DCR Ω Max.	I dc* (mA)
PM0402C-1N0	1.0	16	250	77	6000	0.045	1360
PM0402C-2N0	2.0	16	250	54	6000	0.070	1040
PM0402C-2N2	2.2	19	250	59	6000	0.070	960
PM0402C-3N3	3.3	19	250	65	6000	0.066	840
PM0402C-3N6	3.6	19	250	45	6000	0.066	840
PM0402C-3N9	3.9	19	250	50	5800	0.066	840
	±5 %						
PM0402C-5N1J	5.1	20	250	56	5800	0.083	800
PM0402C-5N6J	5.6	20	250	54	5800	0.083	760
PM0402C-6N2J	6.2	20	250	52	5800	0.083	760
PM0402C-7N5J	7.5	22	250	60	5800	0.104	680
PM0402C-8N2J	8.2	22	250	57	4400	0.104	680
PM0402C-9N0J	9.0	22	250	62	4160	0.104	680
PM0402C-10NJ	10	21	250	50	3900	0.195	480
PM0402C-11NJ	11	24	250	52	3680	0.120	640
PM0402C-12NJ	12	24	250	53	3600	0.120	640
PM0402C-15NJ	15	24	250	55	3280	0.172	560
PM0402C-19NJ	19	24	250	50	3040	0.202	480
PM0402C-23NJ	23	24	250	49	2720	0.214	400
PM0402C-27NJ	27	24	250	49	2480	0.298	400
PM0402C-36NJ	36	24	250	44	2320	0.403	320
PM0402C-40NJ	40	24	250	44	2240	0.438	320
PM0402C-47NJ	47	20	250	38	2100	0.830	150

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Tight Tolerance High Frequency Chip Inductors

Special Features

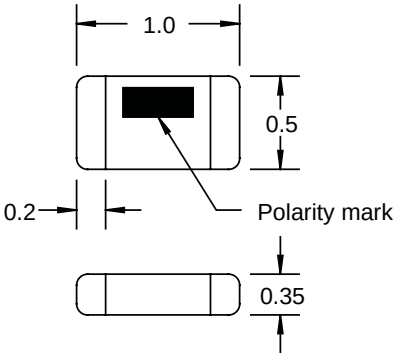
- Photolithographic design
- Tight inductance tolerance
- High self resonant frequency
- Excellent Q
- Stable characteristics
- Operating temperature: -55 to +125 °C
- Tape & reel packaged 10,000/reel

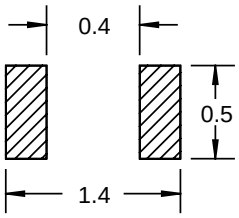
Typical Applications

- High frequency circuits
- Cell phone
- Bluetooth
- LAN and WAN

PM0402T Series						
Part Number	L (nH) ±0.2nH @ 100MHz	Q (Min)/ Test Freq.	SRF (Min) (GHz)	DCR (Ω) (Max)	Idc (mA)	Bourns Equivalent
PM0402T-1N0-RC	1.0	13 / 500MHz	6	0.1	400	CM100505
PM0402T-1N2-RC	1.2	13 / 500MHz	6	0.1	390	
PM0402T-1N5-RC	1.5	13 / 500MHz	6	0.2	280	
PM0402T-1N8-RC	1.8	13 / 500MHz	6	0.2	280	
PM0402T-2N2-RC	2.2	13 / 500MHz	6	0.3	220	
PM0402T-2N7-RC	2.7	13 / 500MHz	6	0.4	220	
PM0402T-3N3-RC	3.3	13 / 500MHz	6	0.5	190	
PM0402T-3N9-RC	3.9	13 / 500MHz	6	0.6	170	
PM0402T-4N7-RC	4.7	13 / 500MHz	6	0.7	160	
PM0402T-5N6-RC	5.6	13 / 500MHz	6	0.9	140	
PM0402T-6N8-RC	6.8	13 / 500MHz	6	1.1	130	
PM0402T-8N2-RC	8.2	13 / 500MHz	5.5	1.3	110	
	±2 %					
PM0402T-10NG-RC	10	13 / 500MHz	4.5	1.6	100	
PM0402T-12NG-RC	12	13 / 500MHz	3.7	1.8	90	
PM0402T-15NG-RC	15	13 / 500MHz	3.3	2.0	90	
PM0402T-18NG-RC	18	13 / 500MHz	3.1	2.0	80	
PM0402T-22NG-RC	22	13 / 500MHz	2.8	2.6	70	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.1

Special Features

- Ceramic core, wirewound for superior reliability
- High self-resonant frequency
- Very stable electrical characteristics
- Flat top surface for automated pick & place
- Operating temperature -40 to +125 °C
- Tape & reel packaged 3000/reel

Typical Applications

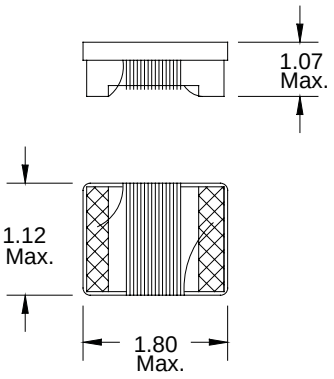
- Small cellular phones
- PDA
- Pagers
- Handheld organizers
- High frequency wireless communication devices
- Laptop computers
- Network cards
- Industrial electronics
- Entertainment electronic devices

Notes

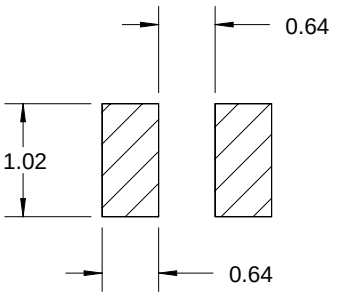
* Current to cause approx. 15 °C of temperature rise

PM0603 Series								
Part Number	L (nH) ± 0.3 nH	Q Min.	Text Freq. (MHz)	Q Typ. @ 900Mz	SRF (MHz) Min.	DCR (Ω) Max.	I dc* (mA)	Bourns Equivalent
PM0603-2N2	2.2	18	250	38	6900	0.08	700	CW160808
PM0603-3N9	3.9	22	250	48	6900	0.08	700	
PM0603-4N7	4.7	20	250	47	5800	0.13	700	
	±5 %							
PM0603-6N8J	6.8	28	250	60	5800	0.11	700	
PM0603-8N2J	8.2	30	250	62	4600	0.11	700	
PM0603-10NJ	10	30	250	60	4800	0.15	700	
PM0603-12NJ	12	30	250	65	4000	0.13	700	
PM0603-15NJ	15	35	250	69	4000	0.17	700	
PM0603-18NJ	18	35	250	75	3100	0.17	700	
PM0603-22NJ	22	38	250	70	3000	0.19	700	
PM0603-27NJ	27	40	250	75	2800	0.23	700	
PM0603-33NJ	33	43	250	78	2300	0.23	600	
PM0603-39NJ	39	43	250	60	2200	0.25	600	
PM0603-47NJ	47	40	200	65	2000	0.28	600	
PM0603-56NJ	56	40	200	65	1900	0.31	600	
PM0603-68NJ	68	40	200	55	1700	0.34	600	
PM0603-72NJ	72	35	150	53	1700	0.49	400	
PM0603-82NJ	82	35	150	55	1700	0.54	400	
	(µH)							
PM0603-R10J	0.10	35	150	50	1400	0.58	400	
PM0603-R12J	0.12	35	150	40	1300	0.65	300	
PM0603-R15J	0.15	30	150	28	990	0.92	280	
PM0603-R18J	0.18	30	100	22	990	1.25	240	
PM0603-R22J	0.22	30	100	20	990	2.10	200	
PM0603-R27J	0.27	30	100	10	990	2.30	170	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Special Features

- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Operating temperature -25 to +105 °C
- Tape & reel packaged 4000/reel

Typical Applications

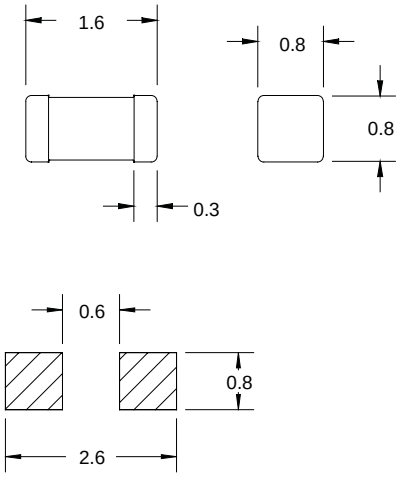
- Small cellular phones
- PDAs
- Pagers
- Hand-held organizers
- High frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

Notes

* Current to cause 20 °C of temperature rise

PM0603G Series							
Part Number	L (µH) ±5 %	Q Typ.	Test Freq. (MHz)	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM0603G-R047J-RC	0.047	10	50	260	0.30	50	
PM0603G-R068J-RC	0.068	10	50	250	0.30	50	
PM0603G-R082J-RC	0.082	10	50	245	0.30	50	
PM0603G-R10J-RC	0.10	15	25	240	0.50	50	
PM0603G-R12J-RC	0.12	15	25	205	0.50	50	
PM0603G-R15J-RC	0.15	15	25	180	0.60	50	
PM0603G-R18J-RC	0.18	15	25	165	0.60	50	
PM0603G-R22J-RC	0.22	15	25	150	0.80	50	
PM0603G-R27J-RC	0.27	15	25	136	0.80	50	
PM0603G-R33J-RC	0.33	15	25	125	0.85	35	
PM0603G-R39J-RC	0.39	15	25	110	1.00	35	
PM0603G-R47J-RC	0.47	15	25	105	1.35	35	
PM0603G-R56J-RC	0.56	15	25	95	1.55	35	
PM0603G-R68J-RC	0.68	15	25	80	1.70	35	CS160808
PM0603G-R82J-RC	0.82	15	25	75	2.10	35	
PM0603G-1R0J-RC	1.0	30	10	70	0.60	25	
PM0603G-1R2J-RC	1.2	30	10	60	0.80	25	
PM0603G-1R5J-RC	1.5	30	10	55	0.80	25	
PM0603G-1R8J-RC	1.8	30	10	50	0.95	25	
PM0603G-2R2J-RC	2.2	30	10	45	1.15	15	
PM0603G-2R7J-RC	2.7	30	10	40	1.35	15	
	± 10 %						
PM0603G-3R3K-RC	3.3	30	10	38	1.55	15	
PM0603G-3R9K-RC	3.9	30	10	36	1.70	15	
PM0603G-4R7K-RC	4.7	30	10	33	2.10	15	
PM0603G-5R6K-RC	5.6	30	4	22	1.55	15	

Only available as RoHS compliant.



Pad Layout

Dimensions: mm
Tolerance: -/+ 0.15

Special Features

- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Operating temperature -25 to +105 °C
- Tape & reel packaged 4000/reel

Typical Applications

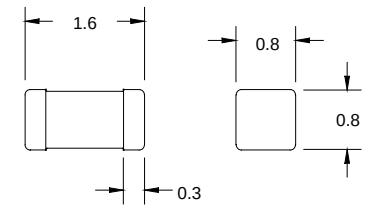
- Small cellular phones
- PDAs
- Pagers
- Hand-held organizers
- High frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

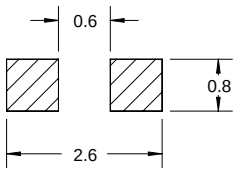
Notes

* Current to cause 20 °C of temperature rise

PM0603H Series							
Part Number	L (nH) ±0.3nH @100MHz	Q Typ. @ 100MHz	Q Typ. @ 800MHz	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM0603H-1N5-RC	1.5	12	37	6000	0.10	300	CM160808
PM0603H-1N8-RC	1.8	12	37	6000	0.10	300	
PM0603H-2N2-RC	2.2	12	38	6000	0.10	300	
PM0603H-2N7-RC	2.7	13	41	6000	0.10	300	
PM0603H-3N3-RC	3.3	14	45	5700	0.12	300	
PM0603H-3N9-RC	3.9	13	43	5600	0.14	300	
PM0603H-4N7-RC	4.7	13	43	4800	0.16	300	
PM0603H-5N6-RC	5.6	14	42	4350	0.18	300	
	±5 %						
PM0603H-6N8J-RC	6.8	14	43	3750	0.22	300	
PM0603H-8N2J-RC	8.2	14	44	3300	0.24	300	
PM0603H-10NJ-RC	10	14	44	2850	0.26	300	
PM0603H-12NJ-RC	12	15	44	2700	0.28	300	
PM0603H-15NJ-RC	15	15	46	2400	0.32	300	
PM0603H-18NJ-RC	18	15	44	2050	0.35	300	
PM0603H-22NJ-RC	22	16	44	1850	0.40	300	
PM0603H-27NJ-RC	27	16	45	1750	0.45	300	
PM0603H-33NJ-RC	33	16	46	1500	0.55	300	
PM0603H-39NJ-RC	39	16	41	1350	0.60	300	
PM0603H-47NJ-RC	47	16	38	1200	0.70	300	
PM0603H-56NJ-RC	56	16	34	1150	0.75	300	
PM0603H-68NJ-RC	68	16	30	1050	0.85	300	
PM0603H-82NJ-RC	82	16	20	1000	0.95	300	
PM0603H-100NJ-RC	100	16	12	925	1.00	300	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.15

PM0603T Tight Tolerance High Frequency Chip Inductors

Special Features

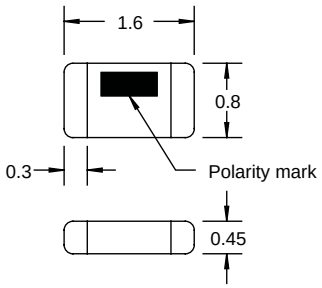
- Photolithographic design
- Tight inductance tolerance
- High self resonant frequency
- Excellent Q
- Stable characteristics
- Operating temperature: -55 to +125 °C
- Tape & reel packaged 5000/reel

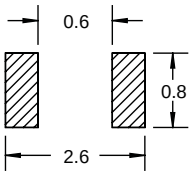
Typical Applications

- High frequency circuits
- Cell phone
- Bluetooth
- LAN and WAN

PM0603T Series						
Part Number	L (nH) ±0.2nH @ 100MHz	Q (Min)/ Test Freq.	SRF (Min) (GHz)	DCR (Ω) (Max)	Idc (mA)	Bourns Equivalent
PM0603T-1N0-RC	1.0	17 / 300MHz	6	0.2	800	
PM0603T-1N2-RC	1.2	17 / 300MHz	6	0.2	800	
PM0603T-1N5-RC	1.5	17 / 300MHz	6	0.2	800	
PM0603T-1N8-RC	1.8	17 / 300MHz	6	0.2	300	
PM0603T-2N2-RC	2.2	17 / 300MHz	6	0.2	300	
PM0603T-2N7-RC	2.7	17 / 300MHz	6	0.2	300	
PM0603T-3N3-RC	3.3	17 / 300MHz	6	0.2	300	
PM0603T-3N9-RC	3.9	17 / 300MHz	6	0.2	300	
PM0603T-4N7-RC	4.7	17 / 300MHz	5	0.2	300	
PM0603T-5N6-RC	5.6	17 / 300MHz	5	0.5	300	
PM0603T-6N8-RC	6.8	17 / 300MHz	5	0.5	300	
PM0603T-8N2-RC	8.2	17 / 300MHz	4	0.5	300	
	±2 %					CI160808
PM0603T-10NG-RC	10	15 / 300MHz	4	1.0	300	
PM0603T-12NG-RC	12	15 / 300MHz	3	1.0	300	
PM0603T-15NG-RC	15	15 / 300MHz	3	1.0	300	
PM0603T-18NG-RC	18	15 / 300MHz	2	2.0	300	
PM0603T-22NG-RC	22	15 / 300MHz	2	2.0	250	
PM0603T-27NG-RC	27	15 / 300MHz	2	2.0	250	
PM0603T-33NG-RC	33	15 / 300MHz	1.5	2.0	250	
PM0603T-39NG-RC	39	15 / 300MHz	1.5	3.0	200	
PM0603T-47NG-RC	47	15 / 300MHz	1.5	3.0	200	
PM0603T-56NG-RC	56	15 / 300MHz	1	5.0	150	
PM0603T-68NG-RC	68	15 / 300MHz	1	5.0	150	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.1

Special Features

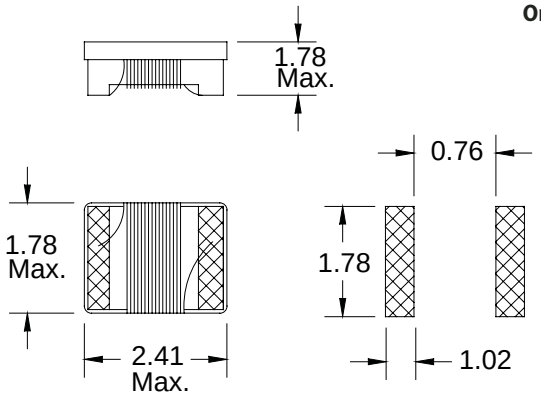
- Ceramic core, wirewound for superior reliability
- High self resonant frequency
- Very stable electrical characteristic
- Flat top surface for automated pick & place
- Operating temperature -55 to +125 °C
- Tape & reel packaged 2000/reel

Notes

* Current to cause approx. 15 °C of temperature rise

PM0805 Series								
Part Number	L (nH) ±20 %	L Test Freq. (MHz)	Q Min	Q Test Freq. (MHz)	SRF (Mhz) Min.	DCR (Ω) Max.	I * (mA)	Bourns Equivalent
PM0805-2N2M-RC	2.2	250	15	1500	6000	0.08	600	
PM0805-3N3M-RC	3.3	250	50	1500	6000	0.08	600	
PM0805-6N8M-RC	6.8	250	50	1000	5500	0.11	600	
PM0805-8N2M-RC	8.2	250	50	500	4700	0.12	600	
PM0805-12NM-RC	12	250	50	500	4000	0.15	600	
PM0805-15NM-RC	15	250	50	500	3400	0.17	600	
PM0805-18NM-RC	18	250	50	500	3300	0.20	600	
PM0805-22NM-RC	22	250	55	500	2600	0.22	500	
PM0805-27NM-RC	27	250	55	500	2500	0.25	500	
PM0805-33NM-RC	33	250	60	500	2050	0.27	500	
PM0805-39NM-RC	39	250	60	500	2000	0.29	500	
PM0805-47NM-RC	47	200	60	500	1650	0.31	500	
	±10 %							
PM0805-56NK-RC	56	200	60	500	1550	0.34	500	CW201212
PM0805-68NK-RC	68	200	60	500	1450	0.38	500	
PM0805-82NK-RC	82	150	65	500	1300	0.42	400	
	L(µH) ±10 %							
PM0805-R10K-RC	0.10	150	65	500	1200	0.46	400	
PM0805-R12K-RC	0.12	150	50	250	1100	0.51	400	
PM0805-R15K-RC	0.15	100	50	250	920	0.56	400	
PM0805-R18K-RC	0.18	100	50	250	870	0.64	400	
PM0805-R22K-RC	0.22	100	50	250	850	0.70	400	
PM0805-R27K-RC	0.27	100	40	100	800	1.1	280	
PM0805-R33K-RC	0.33	100	40	100	750	1.2	260	
PM0805-R39K-RC	0.39	100	40	100	700	1.5	200	
PM0805-R47K-RC	0.47	100	40	100	650	2.5	170	
PM0805-R56K-RC	0.56	50	40	50	600	3.5	170	

Only available as RoHS compliant.



Dimensions: mm Pad Layout

Special Features

- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Operating temperature -25 to +105 °C
- Tape & reel packaged
  3000/reel (0.047-8.2 µH)
  4000/reel (10-30 µH)

Typical Applications

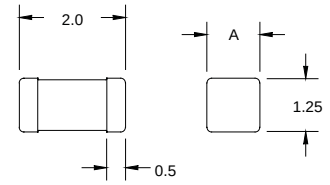
- Small cellular phones
- PDAs
- Pagers
- Hand-held organizers
- High frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

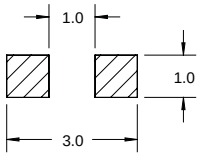
Notes

* Current to cause 20 °C of temperature rise

PM0805G Series								
Part Number	L (µH) ±5 %	Q Typ.	Test Freq. (MHz)	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (mA)	Thick Dim. A (mm)	Bourns Equivalent
PM0805G-R047J-RC	0.047	15	50	320	0.20	300	0.90	
PM0805G-R068J-RC	0.068	15	50	280	0.20	300	0.90	
PM0805G-R082J-RC	0.082	15	50	255	0.20	300	0.90	
PM0805G-R10J-RC	0.10	20	25	235	0.30	250	0.90	
PM0805G-R12J-RC	0.12	20	25	220	0.30	250	0.90	
PM0805G-R15J-RC	0.15	20	25	200	0.40	250	0.90	
PM0805G-R18J-RC	0.18	20	25	185	0.40	250	0.90	
PM0805G-R22J-RC	0.22	20	25	170	0.50	250	0.90	
PM0805G-R27J-RC	0.27	20	25	150	0.50	250	0.90	
PM0805G-R33J-RC	0.33	20	25	145	0.55	250	0.90	
PM0805G-R39J-RC	0.39	25	25	135	0.65	200	0.90	
PM0805G-R47J-RC	0.47	25	25	125	0.65	200	0.90	
PM0805G-R56J-RC	0.56	25	25	115	0.75	150	0.90	
PM0805G-R68J-RC	0.68	25	25	105	0.80	150	0.90	
PM0805G-R82J-RC	0.82	25	25	100	1.00	150	0.90	
PM0805G-1R0J-RC	1.0	45	10	75	0.40	50	0.90	
PM0805G-1R2J-RC	1.2	45	10	65	0.50	50	0.90	
PM0805G-1R5J-RC	1.5	45	10	60	0.50	50	0.90	CV201210
PM0805G-1R8J-RC	1.8	45	10	55	0.60	50	0.90	
PM0805G-2R2J-RC	2.2	45	10	50	0.65	30	0.90	
PM0805G-2R7J-RC	2.7	45	10	45	0.75	30	0.90	
PM0805G-3R3J-RC	3.3	45	10	41	0.80	30	0.90	
PM0805G-3R9J-RC	3.9	45	10	38	0.90	30	0.90	
PM0805G-4R7J-RC	4.7	45	10	35	1.00	30	0.90	
PM0805G-5R6J-RC	5.6	45	4	32	0.90	15	0.90	
PM0805G-6R8J-RC	6.8	45	4	29	1.00	15	0.90	
PM0805G-8R2J-RC	8.2	45	4	26	1.10	15	0.90	
PM0805G-100J-RC	10	45	2	24	1.15	15	1.25	
	±20 %							
PM0805G-120M-RC	12	45	2	22	1.25	15	1.25	
PM0805G-150M-RC	15	30	1	19	0.80	5	1.25	
PM0805G-180M-RC	18	30	1	18	0.90	5	1.25	
PM0805G-220M-RC	22	30	1	16	1.10	5	1.25	
PM0805G-270M-RC	27	30	1	14	1.15	5	1.25	
PM0805G-330M-RC	33	30	0.4	13	1.25	5	1.25	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.2

Special Features

- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Operating temperature -25 to +105 °C
- Tape & reel packaged 4000/reel

Typical Applications

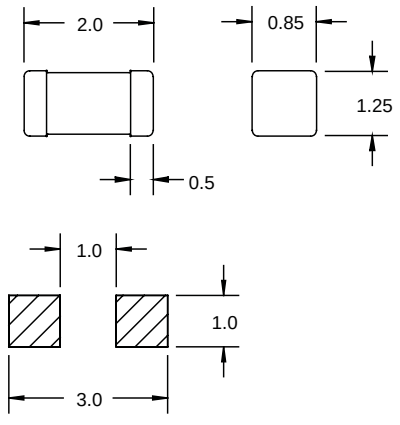
- Small cellular phones
- PDAs
- Pagers
- Hand-held organizers
- High frequency wireless communication devices
- Notebook computers
- Printers
- Network cards
- Industrial electronics
- Entertainment electronic devices

Notes

* Current to cause 20 °C of temperature rise

PM0805H Series								
Part Number	L (nH) +/- 0.3nH	Q Typ	Test Freq. (MHz)	Q Typ. @ 800 MHz	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM0805H-1N5-RC	1.5	10	100	50	6000	0.10	300	
PM0805H-1N8-RC	1.8	10	100	52	6000	0.10	300	
PM0805H-2N2-RC	2.2	11	100	53	6000	0.10	300	
PM0805H-2N7-RC	2.7	12	100	56	6000	0.10	300	
PM0805H-3N3-RC	3.3	13	100	56	6000	0.13	300	
PM0805H-3N9-RC	3.9	13	100	58	5400	0.15	300	
PM0805H-4N7-RC	4.7	14	100	58	4500	0.20	300	
PM0805H-5N6-RC	5.6	14	100	60	4000	0.23	300	
	±5 %							
PM0805H-6N8J-RC	6.8	15	100	60	3650	0.25	300	
PM0805H-8N2J-RC	8.2	15	100	64	3000	0.28	300	
PM0805H-10NJ-RC	10	15	100	60	2500	0.30	300	
PM0805H-12NJ-RC	12	16	100	60	2450	0.35	300	
PM0805H-15NJ-RC	15	16	100	63	2200	0.40	300	
PM0805H-18NJ-RC	18	17	100	63	1750	0.45	300	
PM0805H-22NJ-RC	22	18	100	60	1700	0.50	300	
PM0805H-27NJ-RC	27	17	100	58	1550	0.55	300	CE201210
PM0805H-33NJ-RC	33	18	100	55	1350	0.60	300	
PM0805H-39NJ-RC	39	18	100	47	1300	0.65	300	
PM0805H-47NJ-RC	47	18	100	43	1200	0.70	300	
PM0805H-56NJ-RC	56	19	100	39	1150	0.75	300	
PM0805H-68NJ-RC	68	19	100	30	1000	0.80	300	
PM0805H-82NJ-RC	82	19	100	10	850	0.90	300	
PM0805H-100NJ-RC	100	23	100	-	700	0.90	300	
PM0805H-120NJ-RC	120	16	50	-	650	0.95	300	
PM0805H-150NJ-RC	150	16	50	-	550	1.00	300	
PM0805H-180NJ-RC	180	16	50	-	500	1.10	300	
PM0805H-220NJ-RC	220	16	50	-	430	1.20	300	
PM0805H-270NJ-RC	270	18	50	-	650	0.95	300	
PM0805H-330NJ-RC	330	18	50	-	550	1.00	300	
PM0805H-390NJ-RC	390	18	50	-	500	1.10	300	
PM0805H-470NJ-RC	470	16	50	-	430	1.20	300	

Only available as RoHS compliant.



Pad Layout

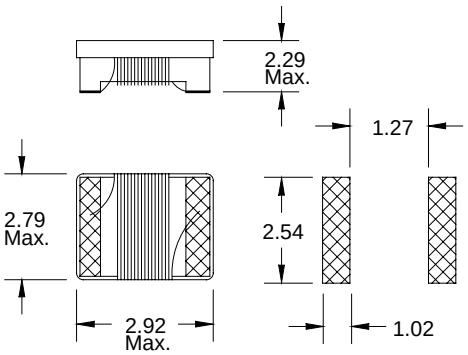
Dimensionds: mm
Tolerance: -/+ 0.2

Special Features

- Ceramic core
- Wirewound for superior reliability
- High self-resonant frequency
- Very stable electrical characteristic on ceramic core
- Flat top surface for automated pick & place
- Operating temperature -55 to +125 °C
- Tape & reel packaged 2000/reel

Notes

***** Current to cause 15 °C max. temperature rise



Dimensions: mm

Pad Layout

PM1008 Series								
Part Number	L (nH) ±20 %	L Test Freq. (MHz)	Q Min.	Q Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM1008-10NM	10	50	50	500	4100	0.08	1000	
PM1008-12NM	12	50	50	500	3300	0.09	1000	
PM1008-15NM	15	50	50	500	2500	0.10	1000	
PM1008-18NM	18	50	50	350	2500	0.11	1000	
PM1008-22NM	22	50	55	350	2400	0.12	1000	
PM1008-27NM	27	50	55	350	1600	0.13	1000	
PM1008-33NM	33	50	60	350	1600	0.14	1000	
PM1008-39NM	39	50	60	350	1500	0.15	1000	
PM1008-47NM	47	50	65	350	1500	0.16	1000	
	±10 %							
PM1008-56NK	56	50	65	350	1300	0.18	1000	
PM1008-68NK	68	50	60	350	1300	0.20	1000	
PM1008-82NK	82	50	60	350	1000	0.22	1000	
	(µH) ±10 %							
PM1008-R10K	0.10	25	60	350	1000	0.56	650	
PM1008-R12K	0.12	25	60	350	950	0.68	650	
PM1008-R15K	0.15	25	45	100	850	0.70	580	
PM1008-R18K	0.18	25	45	100	750	0.77	620	
PM1008-R22K	0.22	25	45	100	700	0.84	500	CW252016
PM1008-R27K	0.27	25	45	100	600	0.91	500	
PM1008-R33K	0.33	25	45	100	570	1.05	450	
PM1008-R39K	0.39	25	45	100	500	1.12	470	
PM1008-R47K	0.47	25	45	100	450	1.19	470	
PM1008-R56K	0.56	25	45	100	415	1.33	400	
PM1008-R68K	0.68	25	45	100	375	1.47	400	
PM1008-R82K	0.82	25	45	100	350	1.61	400	
PM1008-1R0K	1.0	25	35	50	290	1.75	370	
PM1008-1R2K	1.2	7.9	35	50	250	2.00	340	
PM1008-1R5K	1.5	7.9	28	50	200	2.30	330	
PM1008-1R8K	1.8	7.9	28	50	160	2.60	300	
PM1008-2R2K	2.2	7.9	28	50	160	2.80	290	
PM1008-2R7K	2.7	7.9	22	25	140	3.20	290	
PM1008-3R3K	3.3	7.9	22	25	110	3.40	290	
PM1008-3R9K	3.9	7.9	20	25	100	3.60	260	
PM1008-4R7K	4.7	7.9	20	25	90	4.00	260	
PM1008-5R6K	5.6	7.9	20	25	55	7.00	200	
PM1008-6R8K	6.8	7.9	20	25	45	8.00	180	
PM1008-8R2K	8.2	7.9	20	25	35	9.50	150	
PM1008-100K	10	7.9	20	25	25	12.0	100	

For RoHS compliant version, add "-RC" to part number.

Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- Ferrite bobbin core
- Operating temperature -25 to +85 °C
- Tape & reel packaged 2000/reel

Typical Applications

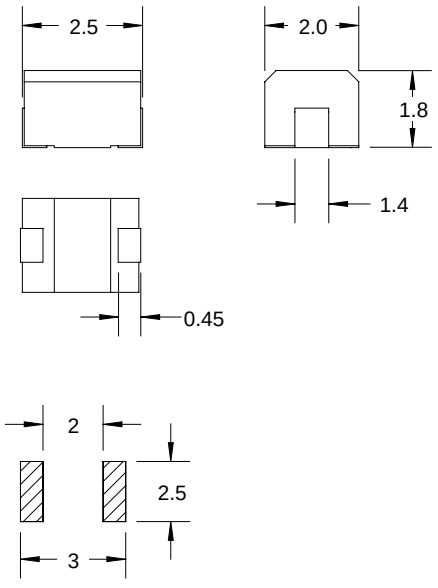
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- Cell phones, pagers, GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

Notes

* Rated current to cause 20 °C temperature rise

PM1008M Series							
Part Number	L (µH) ±20 %	Q Min	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	Idc* (mA)	Bourns Equivalent
PM1008M-R010M-RC	0.010	26	100	2150	0.26	530	
PM1008M-R012M-RC	0.012	26	100	2050	0.27	500	
PM1008M-R015M-RC	0.015	26	100	1850	0.31	480	
PM1008M-R018M-RC	0.018	26	100	1650	0.34	450	
PM1008M-R022M-RC	0.022	28	100	1550	0.38	420	
PM1008M-R027M-RC	0.027	29	100	1400	0.42	410	
PM1008M-R033M-RC	0.033	30	100	1250	0.46	400	
PM1008M-R039M-RC	0.039	30	100	1100	0.50	380	
PM1008M-R047M-RC	0.047	30	100	1050	0.56	360	
PM1008M-R056M-RC	0.056	31	100	950	0.65	340	
PM1008M-R068M-RC	0.068	31	100	900	0.70	320	
PM1008M-R082M-RC	0.082	32	100	850	0.75	300	
PM1008M-R10M-RC	0.10	32	100	700	0.80	280	
PM1008M-R12M-RC	0.12	30	25.2	600	0.37	520	
PM1008M-R15M-RC	0.15	30	25.2	550	0.42	480	
PM1008M-R18M-RC	0.18	30	25.2	500	0.46	460	
PM1008M-R22M-RC	0.22	30	25.2	450	0.52	430	
PM1008M-R27M-RC	0.27	30	25.2	425	0.56	420	
PM1008M-R33M-RC	0.33	30	25.2	400	0.60	400	
PM1008M-R39M-RC	0.39	30	25.2	375	0.65	375	
PM1008M-R47M-RC	0.47	30	25.2	350	0.68	350	
PM1008M-R56M-RC	0.56	30	25.2	300	0.75	325	
PM1008M-R68M-RC	0.68	30	25.2	270	0.85	300	
PM1008M-R82M-RC	0.82	30	25.2	250	1.00	260	
	±10 %						CM252016
PM1008M-1R0K-RC	1.0	30	7.96	220	1.10	245	
PM1008M-1R2K-RC	1.2	30	7.96	180	1.20	230	
PM1008M-1R5K-RC	1.5	30	7.96	135	1.30	220	
PM1008M-1R8K-RC	1.8	30	7.96	100	1.45	210	
PM1008M-2R2K-RC	2.2	30	7.96	75	1.55	200	
PM1008M-2R7K-RC	2.7	30	7.96	55	1.70	195	
PM1008M-3R3K-RC	3.3	30	7.96	48	1.90	185	
PM1008M-3R9K-RC	3.9	25	7.96	43	2.10	180	
PM1008M-4R7K-RC	4.7	25	7.96	40	2.30	175	
PM1008M-5R6K-RC	5.6	25	7.96	36	2.50	170	
PM1008M-6R8K-RC	6.8	25	7.96	33	2.70	165	
PM1008M-8R2K-RC	8.2	25	7.96	30	3.05	160	
PM1008M-100K-RC	10	25	2.52	27	3.50	155	
PM1008M-120K-RC	12	25	2.52	23	3.80	150	
PM1008M-150K-RC	15	25	2.52	20	4.40	140	
PM1008M-180K-RC	18	25	2.52	18	4.80	130	
PM1008M-220K-RC	22	25	2.52	17	5.50	125	
PM1008M-270K-RC	27	25	2.52	16	6.30	115	
PM1008M-330K-RC	33	25	2.52	15	7.10	110	
PM1008M-390K-RC	39	20	2.52	14	9.50	90	
PM1008M-470K-RC	47	20	2.52	13	11.1	80	
PM1008M-560K-RC	56	20	2.52	12	12.1	75	
PM1008M-680K-RC	68	20	2.52	11	16.6	70	
PM1008M-820K-RC	82	20	2.52	10	19.0	65	
PM1008M-101K-RC	100	15	0.796	9	21.0	60	

Only available as RoHS compliant.



Pad Layout

Dimensions: mm
Tolerance: -/+0.2

Special Features

- Magnetic shielded for low radiation
- Miniature size
- High heat resistance, ideal for reflow soldering
- High reliability
- Operating temperature -40 to +85 °C
- Tape & reel packaged 750/reel

Typical Applications

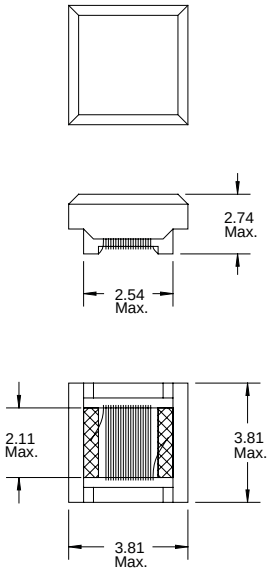
- PC cards
- PDA
- Hand-held organizers
- High frequency wireless communication devices
- Laptop computers
- Network cards
- Industrial electronics
- Entertainment electronic devices

Notes

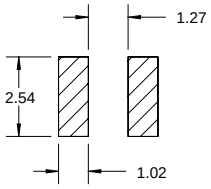
* Current to cause 10 % inductance drop

PM1008S Series					
Part Number	L (µH) @ 100 KHz ±20 %	Q @ 1MHz Min.	SRF (MHz) Min.	DCR (Ω) Max.	I dc* (mA)
PM1008S-1R0M	1.0	35	344	0.05	3000
PM1008S-1R5M	1.5	35	260	0.06	2800
PM1008S-1R8M	1.8	35	225	0.09	2000
PM1008S-2R7M	2.7	38	185	0.14	1300
PM1008S-3R9M	3.9	38	175	0.26	1200
PM1008S-4R7M	4.7	38	160	0.35	1000
PM1008S-5R6M	5.6	38	150	0.40	1000
PM1008S-6R8M	6.8	38	120	0.60	850
PM1008S-100M	10	38	105	0.95	780
PM1008S-150M	15	38	35	1.15	700
PM1008S-220M	22	40	26	1.40	650
PM1008S-330M	33	45	20	1.60	500
PM1008S-390M	39	45	16	1.85	450
PM1008S-470M	47	45	14	2.50	400
PM1008S-680M	68	45	12	3.80	300
PM1008S-820M	82	45	9	4.20	280
PM1008S-101M	100	45	7	5.80	260
PM1008S-121M	120	50	6	6.20	250
PM1008S-151M	150	50	5.6	7.50	220
PM1008S-221M	220	55	4.5	10.0	210
PM1008S-331M	330	55	3.8	11.5	200
PM1008S-471M	470	55	3	16.5	160
PM1008S-561M	560	55	2.8	18.0	130
PM1008S-681M	680	55	2.5	24.0	120
PM1008S-821M	820	45	1.5	26.0	100
PM1008S-102M	1000	45	1.3	30.0	100

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



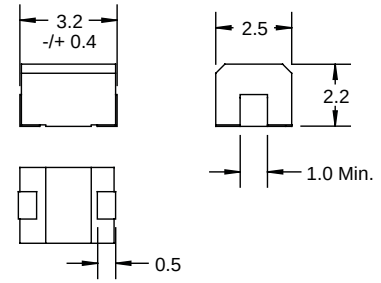
Pad Layout

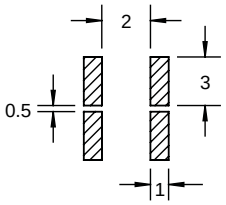
Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- Ferrite bobbin core
- Operating temperature -55 to +105 °C
- Tape & reel packaged 2000/reel

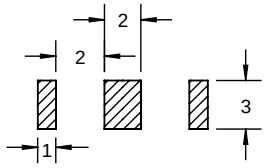
Notes

* Current to cause 20 °C max. temperature rise





Parallel Connection



Series Connection

Pad Layout

Dimensions: mm
Tolerance: -/+0.2

PM1210 Series							
Part Number	L (µH) ±10 %	Q Min	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM1210-R010K	0.010	15	100	2500	0.13	450	
PM1210-R012K	0.012	17	100	2300	0.14	450	
PM1210-R015K	0.015	19	100	2100	0.16	450	
PM1210-R018K	0.018	21	100	1900	0.18	450	
PM1210-R022K	0.022	23	100	1700	0.20	450	
PM1210-R027K	0.027	23	100	1500	0.22	450	
PM1210-R033K	0.033	25	100	1400	0.24	450	
PM1210-R039K	0.039	25	100	1300	0.27	450	
PM1210-R047K	0.047	26	100	1200	0.30	450	
PM1210-R056K	0.056	26	100	1100	0.33	450	
PM1210-R068K	0.068	27	100	1000	0.36	450	
PM1210-R082K	0.082	27	100	900	0.40	450	
	±5 %						
PM1210-R10J	0.10	28	100	700	0.44	450	
PM1210-R12J	0.12	28	25.2	500	0.22	450	
PM1210-R15J	0.15	28	25.2	450	0.25	450	
PM1210-R18J	0.18	28	25.2	400	0.28	450	
PM1210-R22J	0.22	28	25.2	350	0.32	450	
PM1210-R27J	0.27	28	25.2	320	0.36	450	
PM1210-R33J	0.33	28	25.2	300	0.40	450	
PM1210-R39J	0.39	28	25.2	250	0.45	450	
PM1210-R47J	0.47	28	25.2	220	0.50	450	
PM1210-R56J	0.56	28	25.2	180	0.55	450	
PM1210-R68J	0.68	28	25.2	160	0.60	450	
PM1210-R82J	0.82	28	25.2	140	0.65	450	
PM1210-1R0J	1.0	28	7.96	120	0.70	400	
PM1210-1R2J	1.2	28	7.96	100	0.75	390	
PM1210-1R5J	1.5	28	7.96	85	0.85	370	CM322522
PM1210-1R8J	1.8	28	7.96	80	0.90	350	
PM1210-2R2J	2.2	30	7.96	75	1.0	320	
PM1210-2R7J	2.7	30	7.96	70	1.1	290	
PM1210-3R3J	3.3	30	7.96	60	1.2	260	
PM1210-3R9J	3.9	30	7.96	55	1.3	250	
PM1210-4R7J	4.7	30	7.96	50	1.7	220	
PM1210-5R6J	5.6	30	7.96	47	1.8	200	
PM1210-6R8J	6.8	30	7.96	43	2.0	180	
PM1210-8R2J	8.2	30	7.96	40	2.3	170	
PM1210-100J	10	30	2.52	36	2.5	150	
PM1210-120J	12	30	2.52	33	2.8	140	
PM1210-150J	15	30	2.52	30	3.2	130	
PM1210-180J	18	30	2.52	27	3.6	120	
PM1210-220J	22	30	2.52	25	4.0	110	
PM1210-270J	27	30	2.52	20	5.0	80	
PM1210-330J	33	30	2.52	17	5.6	70	
PM1210-390J	39	30	2.52	16	6.4	65	
PM1210-470J	47	30	2.52	15	7.0	60	
PM1210-560J	56	30	2.52	13	8.0	55	
PM1210-680J	68	30	2.52	12	9.0	50	
PM1210-820J	82	30	2.52	11	10	45	
PM1210-101J	100	20	0.796	10	10	40	
PM1210-121J	120	20	0.796	10	11	70	
PM1210-151J	150	20	0.796	8	15	65	
PM1210-181J	180	20	0.796	7	17	60	
PM1210-221J	220	20	0.796	7	21	50	

For RoHS compliant version, add "-RC" to part number.

Special Features

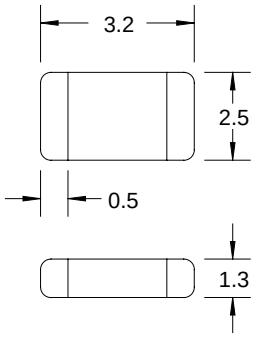
- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Low profile
- Operating temperature -25 to +125 ℃
- Tape & reel packaged 2500 / reel

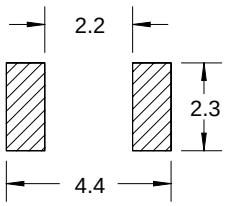
Typical Applications

- Personal computers
- Notebook computers
- Printers
- Hard disk drivers
- Computer peripherals
- Digital TVs, VCRs
- Consumer electronics

PM1210G Series							
Part Number	L (µH) ±10 %	Q Min	Test Freq. (MHz)	SRF (KHz) Min	DCR (Ω) Max	Idc (mA)	Bourns Equivalent
PM1210G-R12K-RC	0.12	30	25.2	500	0.22	450	
PM1210G-R15K-RC	0.15	30	25.2	450	0.25	450	
PM1210G-R18K-RC	0.18	30	25.2	400	0.28	450	
PM1210G-R22K-RC	0.22	30	25.2	350	0.32	450	
PM1210G-R27K-RC	0.27	30	25.2	320	0.36	450	
PM1210G-R33K-RC	0.33	30	25.2	300	0.40	450	
PM1210G-R39K-RC	0.39	30	25.2	250	0.45	450	
PM1210G-R47K-RC	0.47	30	25.2	220	0.50	450	
PM1210G-R56K-RC	0.56	30	25.2	180	0.55	450	
PM1210G-R68K-RC	0.68	30	25.2	160	0.60	450	
PM1210G-R82K-RC	0.82	30	25.2	140	0.65	450	
PM1210G-1R0K-RC	1.0	30	7.96	120	0.70	400	
PM1210G-1R2K-RC	1.2	30	7.96	100	0.75	390	
PM1210G-1R5K-RC	1.5	30	7.96	85	0.85	370	
PM1210G-1R8K-RC	1.8	30	7.96	80	0.90	350	
PM1210G-2R2K-RC	2.2	30	7.96	75	1.0	320	CF322513
PM1210G-2R7K-RC	2.7	30	7.96	70	1.1	290	
PM1210G-3R3K-RC	3.3	30	7.96	60	1.2	260	
PM1210G-3R9K-RC	3.9	30	7.96	55	1.3	250	
PM1210G-4R7K-RC	4.7	30	7.96	50	1.5	220	
PM1210G-5R6K-RC	5.6	30	7.96	47	1.6	200	
PM1210G-6R8K-RC	6.8	30	7.96	43	1.8	180	
PM1210G-8R2K-RC	8.2	30	7.96	40	2.0	170	
PM1210G-100K-RC	10	30	2.52	36	2.1	150	
PM1210G-120K-RC	12	30	2.52	33	2.5	140	
PM1210G-150K-RC	15	30	2.52	30	2.8	130	
PM1210G-180K-RC	18	30	2.52	27	3.3	120	
PM1210G-220K-RC	22	30	2.52	25	3.7	110	
PM1210G-270K-RC	27	30	2.52	20	5.0	80	
PM1210G-330K-RC	33	30	2.52	17	5.6	70	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.2

Special Features

- High current
- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- Ferrite bobbin core
- Operating temperature -20 to +100 °C
- Tape & reel packaged 2000/reel

Typical Applications

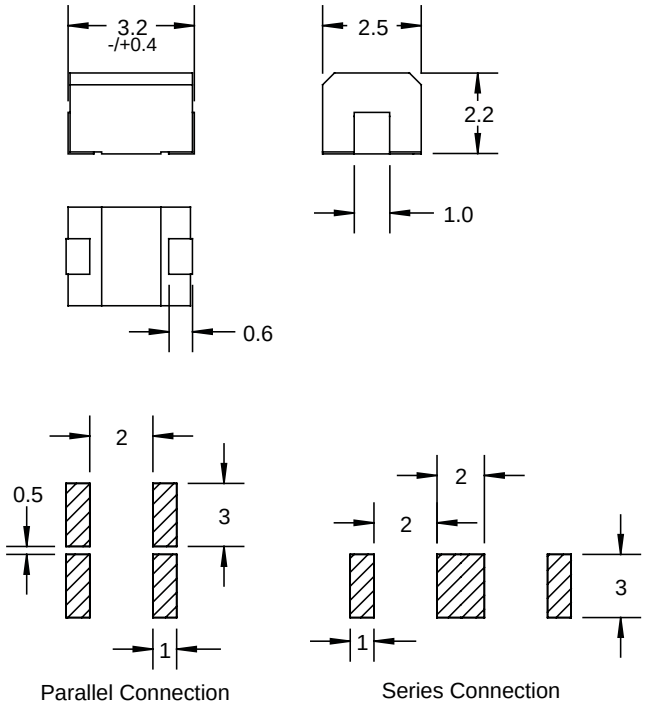
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- Cell phones, pagers, GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

Notes

* Rated current to cause 20 °C temperature rise

PM1210H Series						
Part Number	L (µH) ± 20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Max.	DCR (Ω) Max.	I, DC* (mA)
PM1210H-1R0M	1.0	10	7.96	100	0.16	770
PM1210H-1R5M	1.5	10	7.96	80	0.20	580
PM1210H-2R2M	2.2	10	7.96	65	0.26	480
PM1210H-3R3M	3.3	10	7.96	55	0.33	400
PM1210H-4R7M	4.7	10	7.96	45	0.52	320
PM1210H-6R8M	6.8	10	7.96	35	0.65	280
	± 10 %					
PM1210H-100K	10	15	2.52	28	1.11	220
PM1210H-150K	15	15	2.52	25	1.69	180
PM1210H-220K	22	15	2.52	20	2.60	145
PM1210H-330K	33	15	2.52	15	3.64	115
PM1210H-470K	47	20	2.52	13	5.46	105
PM1210H-680K	68	20	2.52	10	8.45	85

For RoHS compliant version, add "-RC" to part number.



Pad Layout

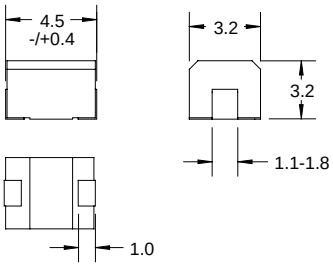
Dimensions: mm
Tolerance: -/+0.2

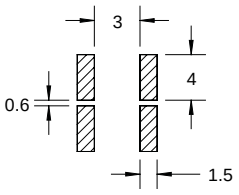
Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat and moisture
- Operating temperature -55 to +105 °C
- Tape & reel packaged 500/reel

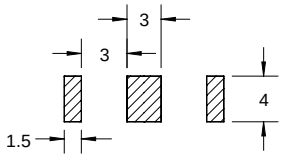
Notes

* Current to cause 20 °C max. temperature rise





Parallel Connection



Series Connection

Pad Layout

Dimensions: mm
Tolerance: -/+0.2

PM1812 Series							
Part Number	L (µH) ± 10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Max.	DCR (Ω) Max.	I, DC * (mA)	Bourns Equivalent
PM1812-R10K	0.10	28	25.2	300	0.18	800	
PM1812-R12K	0.12	30	25.2	280	0.20	770	
PM1812-R15K	0.15	30	25.2	250	0.22	730	
PM1812-R18K	0.18	30	25.2	220	0.24	700	
PM1812-R22K	0.22	30	25.2	200	0.25	665	
PM1812-R27K	0.27	30	25.2	180	0.26	635	
PM1812-R33K	0.33	30	25.2	165	0.28	605	
PM1812-R39K	0.39	30	25.2	150	0.30	575	
PM1812-R47K	0.47	30	25.2	145	0.32	545	
PM1812-R56K	0.56	30	25.2	140	0.36	520	
PM1812-R68K	0.68	30	25.2	135	0.40	500	
PM1812-R82K	0.82	30	25.2	130	0.45	475	
	±5 %						
PM1812-1R0J	1.0	50	7.96	100	0.50	450	
PM1812-1R2J	1.2	50	7.96	80	0.55	430	
PM1812-1R5J	1.5	50	7.96	70	0.60	410	
PM1812-1R8J	1.8	50	7.96	60	0.65	390	
PM1812-2R2J	2.2	50	7.96	55	0.70	380	
PM1812-2R7J	2.7	50	7.96	50	0.75	370	
PM1812-3R3J	3.3	50	7.96	45	0.80	355	
PM1812-3R9J	3.9	50	7.96	40	0.90	330	
PM1812-4R7J	4.7	50	7.96	35	1.0	315	
PM1812-5R6J	5.6	50	7.96	33	1.1	300	
PM1812-6R8J	6.8	50	7.96	27	1.2	285	
PM1812-8R2J	8.2	50	7.96	25	1.4	270	CM453232
PM1812-100J	10	50	2.52	20	1.6	250	
PM1812-120J	12	50	2.52	18	2.0	225	
PM1812-150J	15	50	2.52	17	2.5	200	
PM1812-180J	18	50	2.52	15	2.8	190	
PM1812-220J	22	50	2.52	13	3.2	180	
PM1812-270J	27	50	2.52	12	3.6	170	
PM1812-330J	33	50	2.52	11	4.0	160	
PM1812-390J	39	50	2.52	10	4.5	150	
PM1812-470J	47	50	2.52	10	5.0	140	
PM1812-560J	56	50	2.52	9	5.5	135	
PM1812-680J	68	50	2.52	9	6.0	130	
PM1812-820J	82	50	2.52	8	7.0	120	
PM1812-101J	100	40	0.796	7	8.0	110	
PM1812-121J	120	40	0.796	6	8.0	110	
PM1812-151J	150	40	0.796	5	9.0	105	
PM1812-181J	180	40	0.796	5	9.5	102	
PM1812-221J	220	40	0.796	4	10	100	
PM1812-271J	270	30	0.796	3	12	92	
PM1812-331J	330	30	0.796	3	14	85	
PM1812-391J	390	30	0.796	3	18	80	
PM1812-471J	470	30	0.796	3	26	62	
PM1812-561J	560	30	0.796	2	30	50	
PM1812-681J	680	30	0.796	2	30	50	
PM1812-821J	820	30	0.796	2	35	30	
PM1812-102J	1000	30	0.796	2	40	30	

For RoHS compliant version, add "-RC" to part number.

Special Features

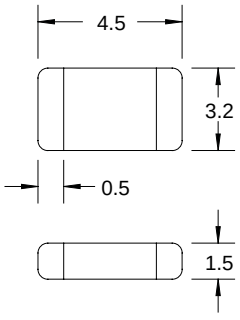
- Monolithic construction provides high reliability
- High Q characteristic
- High frequency application
- Ferrite material construction provides magnetic shielding to reduce radiation
- Low profile
- Operating temperature -25 to +125 ℃
- Tape & reel packaged 1000 / reel

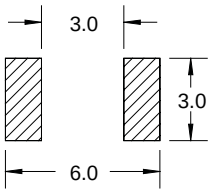
Typical Applications

- Personal computers
- Notebook computers
- Printers
- Hard disk drivers
- Computer peripherals
- Digital TVs, VCRs
- Consumer electronics

PM1812G Series							
Part Number	L (µH) ±10 %	Q Min	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	Idc (mA)	Bourns Equivalent
PM1812G-R10K-RC	0.10	35	25.2	300	0.18	800	
PM1812G-R12K-RC	0.12	35	25.2	280	0.20	770	
PM1812G-R15K-RC	0.15	35	25.2	250	0.22	730	
PM1812G-R18K-RC	0.18	35	25.2	220	0.24	700	
PM1812G-R22K-RC	0.22	40	25.2	200	0.25	665	
PM1812G-R27K-RC	0.27	40	25.2	180	0.26	635	
PM1812G-R33K-RC	0.33	40	25.2	165	0.28	605	
PM1812G-R39K-RC	0.39	40	25.2	150	030	575	
PM1812G-R47K-RC	0.47	40	25.2	145	0.32	545	
PM1812G-R56K-RC	0.56	40	25.2	140	0.36	520	
PM1812G-R68K-RC	0.68	40	25.2	135	0.40	500	
PM1812G-R82K-RC	0.82	40	25.2	130	0.45	475	
PM1812G-1R0K-RC	1.0	50	7.96	100	0.50	450	
PM1812G-1R2K-RC	1.2	50	7.96	80	0.55	430	
PM1812G-1R5K-RC	1.5	50	7.96	70	0.60	410	
PM1812G-1R8K-RC	1.8	50	7.96	60	0.65	390	CF453215
PM1812G-2R2K-RC	2.2	50	7.96	55	0.70	380	
PM1812G-2R7K-RC	2.7	50	7.96	50	0.75	370	
PM1812G-3R3K-RC	3.3	50	7.96	45	0.80	355	
PM1812G-3R9K-RC	3.9	50	7.96	40	0.90	330	
PM1812G-4R7K-RC	4.7	50	7.96	35	1.0	315	
PM1812G-5R6K-RC	5.6	50	7.96	33	1.1	300	
PM1812G-6R8K-RC	6.8	50	7.96	27	1.2	285	
PM1812G-8R2K-RC	8.2	50	7.96	25	1.4	270	
PM1812G-100K-RC	10	50	2.52	20	1.6	250	
PM1812G-120K-RC	12	50	2.52	18	2.0	225	
PM1812G-150K-RC	15	50	2.52	17	2.5	200	
PM1812G-180K-RC	18	50	2.52	15	2.8	190	
PM1812G-220K-RC	22	50	2.52	13	3.2	180	
PM1812G-270K-RC	27	50	2.52	12	3.6	170	
PM1812G-330K-RC	33	50	2.52	11	4.0	160	

Only available as RoHS compliant.





Pad Layout

Dimensions: mm
Tolerance: -/+ 0.2

Special Features

- High current
- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- Ferrite bobbin core
- Operating temperature -20 to +100 °C
- Tape & reel packaged 500/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- Cell phones, pagers, GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

Notes

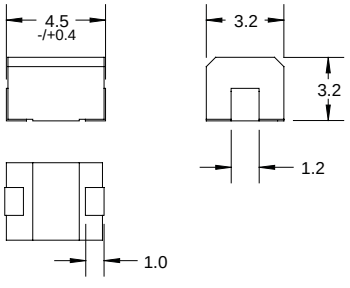
* Rated current to cause 20 °C temperature rise

** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

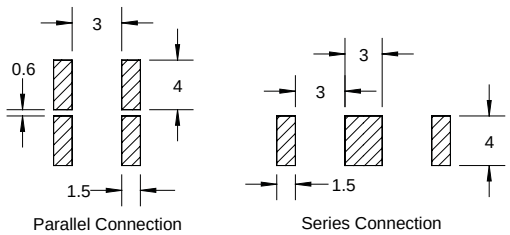
PM1812H Series

Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM1812H-1R0K	1.0	10	7.96	180.0	0.11	1050	
PM1812H-1R2K	1.2	10	7.96	160.0	0.12	1000	
PM1812H-1R5K	1.5	10	7.96	130.0	0.15	950	
PM1812H-1R8K	1.8	10	7.96	100.0	0.16	900	
PM1812H-2R2K	2.2	10	7.96	80.0	0.18	850	
PM1812H-2R7K	2.7	10	7.96	60.0	0.20	800	
PM1812H-3R3K	3.3	10	7.96	45.0	0.22	750	
PM1812H-3R9K	3.9	10	7.96	40.0	0.24	700	
PM1812H-4R7K	4.7	10	7.96	35.0	0.27	650	
PM1812H-5R6K	5.6	10	7.96	30.0	0.30	650	
PM1812H-6R8K	6.8	10	7.96	28.0	0.35	600	
PM1812H-8R2K	8.2	10	7.96	25.0	0.40	600	
PM1812H-100K	10	10	2.52	22.0	0.50	550	
PM1812H-120K	12	10	2.52	21.0	0.60	500	
PM1812H-150K	15	10	2.52	20.0	0.70	450	
PM1812H-180K	18	10	2.52	19.0	0.80	400	
PM1812H-220K	22	10	2.52	18.0	0.90	370	
PM1812H-270K	27	10	2.52	16.0	1.2	330	CC453232**
PM1812H-330K	33	10	2.52	14.0	1.4	300	
PM1812H-390K	39	10	2.52	12.0	1.6	280	
PM1812H-470K	47	10	2.52	11.5	1.9	260	
PM1812H-560K	56	10	2.52	11.0	2.2	240	
PM1812H-680K	68	10	2.52	10.0	2.6	220	
PM1812H-820K	82	10	2.52	9.0	3.5	200	
PM1812H-101K	100	20	0.796	8.0	4.0	180	
PM1812H-121K	120	20	0.796	7.5	4.5	160	
PM1812H-151K	150	20	0.796	7.0	6.5	140	
PM1812H-181K	180	20	0.796	6.5	7.5	120	
PM1812H-221K	220	20	0.796	5.5	9.0	120	
PM1812H-271K	270	20	0.796	5.0	11.0	100	
PM1812H-331K	330	20	0.796	4.0	13.0	90	
PM1812H-391K	390	30	0.796	3.0	13.5	85	
PM1812H-471K	470	30	0.796	3.0	15.0	75	
PM1812H-561K	560	30	0.796	3.0	17.0	70	
PM1812H-681K	680	30	0.796	2.5	22.8	65	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.2



Pad Layout

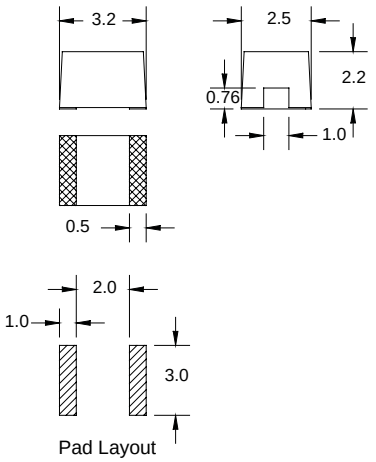
Special Features

- High Q
- Magnetic shielded for low radiation
- Molded construction for high reliability
- Superior environmental protection
- Large terminal surface for strong PCB bonding
- Standard EIA 1210 chip size
- Operating temperature -55 to +125 °C
- Tape & reel packaged 2000/reel

Notes

* Current to cause 20 °C max. temperature rise

** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.



Dimensions: mm
Tolerance: -/+0.2

PM20S Series							
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
PM20S-R010M-RC	0.010	50	50	1000	0.10	810	
PM20S-R012M-RC	0.012	50	50	1000	0.11	750	
PM20S-R015M-RC	0.015	50	50	1000	0.12	720	
PM20S-R018M-RC	0.018	50	50	1000	0.13	690	
PM20S-R022M-RC	0.022	45	50	1000	0.15	640	
PM20S-R027M-RC	0.027	45	50	1000	0.17	610	
PM20S-R033M-RC	0.033	45	50	1000	0.18	585	
PM20S-R039M-RC	0.039	40	50	1000	0.24	530	
PM20S-R047M-RC	0.047	40	50	1000	0.26	495	
PM20S-R056M-RC	0.056	40	50	1000	0.28	485	
PM20S-R068M-RC	0.068	40	50	1000	0.35	475	
PM20S-R082M-RC	0.082	38	50	900	0.45	460	
PM20S-R10M-RC	0.10	36	50	700	0.50	450	
PM20S-R12M-RC	0.12	40	25.2	500	0.20	630	
PM20S-R15M-RC	0.15	40	25.2	470	0.20	600	
PM20S-R18M-RC	0.18	40	25.2	400	0.24	580	
PM20S-R22M-RC	0.22	40	25.2	330	0.30	565	
PM20S-R27M-RC	0.27	40	25.2	310	0.33	500	
PM20S-R33M-RC	0.33	40	25.2	280	0.36	475	
PM20S-R39M-RC	0.39	40	25.2	230	0.40	465	
PM20S-R47M-RC	0.47	40	25.2	220	0.44	460	
PM20S-R56M-RC	0.56	40	25.2	200	0.45	455	
PM20S-R68M-RC	0.68	40	25.2	180	0.48	450	
PM20S-R82M-RC	0.82	40	25.2	160	0.50	450	
	±10 %						CC322522**
PM20S-1R0K-RC	1.0	30	7.96	120	0.60	400	
PM20S-1R2K-RC	1.2	30	7.96	110	0.65	390	
PM20S-1R5K-RC	1.5	30	7.96	90	0.75	370	
PM20S-1R8K-RC	1.8	30	7.96	85	0.85	350	
PM20S-2R2K-RC	2.2	30	7.96	65	0.90	320	
PM20S-2R7K-RC	2.7	30	7.96	60	1.00	290	
PM20S-3R3K-RC	3.3	30	7.96	60	1.10	270	
PM20S-3R9K-RC	3.9	30	7.96	58	1.20	250	
PM20S-4R7K-RC	4.7	30	7.96	52	1.25	220	
PM20S-5R6K-RC	5.6	30	7.96	50	1.40	200	
PM20S-6R8K-RC	6.8	30	7.96	40	1.60	205	
PM20S-8R2K-RC	8.2	30	7.96	35	1.65	195	
PM20S-100K-RC	10	30	2.52	30	2.0	185	
PM20S-120K-RC	12	30	2.52	24	2.3	175	
PM20S-150K-RC	15	30	2.52	20	2.5	165	
PM20S-180K-RC	18	30	2.52	17	2.7	155	
PM20S-220K-RC	22	30	2.52	16	3.1	150	
PM20S-270K-RC	27	30	2.52	14	3.3	125	
PM20S-330K-RC	33	30	2.52	14	5.1	115	
PM20S-390K-RC	39	30	2.52	14	5.9	105	
PM20S-470K-RC	47	30	2.52	13	8.0	100	
PM20S-560K-RC	56	30	2.52	11	10	95	
PM20S-680K-RC	68	30	2.52	11	10	90	
PM20S-820K-RC	82	30	2.52	11	11	85	
PM20S-101K-RC	100	30	0.796	8	12	85	

Only available as RoHS compliant.

Special Features

- High current capacity
- Magnetic shielded
- Low DCR
- Ferrite bobbin core
- Low profile, compact size
- Operating temperature -40 to +100 °C
- Tape & reel packaged 1000/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices
- Industrial electronics
- Electronic game devices
- Onboard power supplies

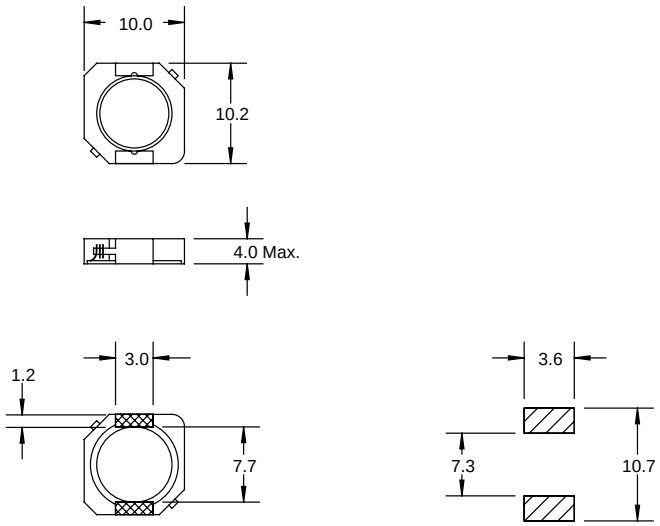
Notes

* Saturation current to cause 35 % inductance drop

** Rated current to cause 30 °C temperature rise

PM104SH Series					
Part Number	L (µH) ± 30 % @ 100 KHz Max.	DCR, (Ω) Max.	I, sat.* (A)	I, rated** (A)	Bourns Equivalent
PM104SH-1R5	1.5	0.008	10	6.5	
PM104SH-2R5	2.5	0.01	7.5	6.1	
PM104SH-3R8	3.8	0.013	6.0	5.5	
PM104SH-5R2	5.2	0.022	5.5	5.4	
PM104SH-7R0	7.0	0.027	4.8	4.5	
PM104SH-100	10	0.035	4.4	3.8	
PM104SH-150	15	0.05	3.6	3.1	
PM104SH-220	22	0.073	2.9	2.5	SRU1038
PM104SH-330	33	0.093	2.3	2.2	
PM104SH-470	47	0.128	2.1	1.9	
PM104SH-680	68	0.213	1.5	1.42	
PM104SH-101	100	0.304	1.35	1.25	
PM104SH-151	150	0.506	1.15	0.85	
PM104SH-221	220	0.756	0.92	0.7	
PM104SH-331	330	1.09	0.7	0.52	

For RoHS compliant version, add "-RC" to part number.



Pad Layout

Dimensions: mm
Tolerance : -/+ .3

Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Easy access for reflow soldering inspection
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- PDAs, MP3 players
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices
- Industrial electronics

Notes

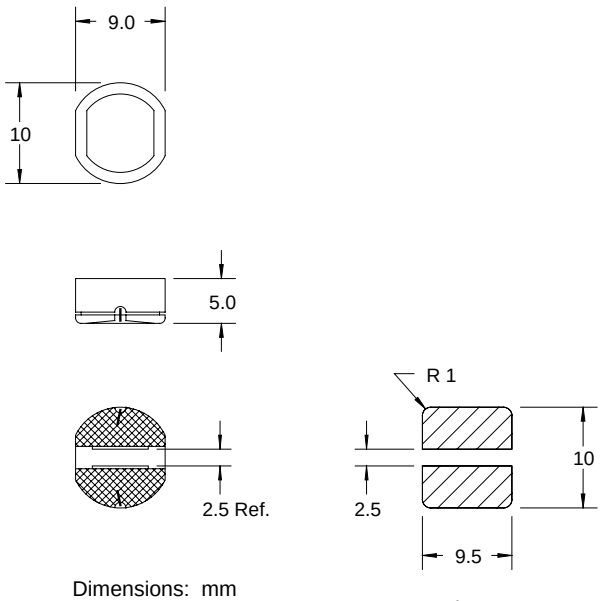
* Current to cause 10 % of inductance

** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM105SB Series

Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PM105SB-100M	10	2.52MHz	29	0.06	2.06	
PM105SB-120M	12	2.52MHz	26	0.07	1.94	
PM105SB-150M	15	2.52MHz	24	0.07	1.72	
PM105SB-180M	18	2.52MHz	21	0.08	1.58	
PM105SB-220M	22	2.52MHz	18	0.08	1.42	
PM105SB-270M	27	2.52MHz	17	0.10	1.32	
	± 15 %					
PM105SB-330L	33	2.52MHz	14	0.11	1.16	
PM105SB-390L	39	2.52MHz	14	0.12	1.10	
PM105SB-470L	47	2.52MHz	11	0.14	1.00	
PM105SB-560L	56	2.52MHz	11	0.19	0.93	
PM105SB-680L	68	2.52MHz	10	0.21	0.85	SRR0905**
PM105SB-820L	82	2.52MHz	9	0.28	0.79	
	± 10 %					
PM105SB-101K	100	1 KHz	8	0.34	0.72	
PM105SB-121K	120	1 KHz	7	0.37	0.63	
PM105SB-151K	150	1 KHz	6	0.51	0.55	
PM105SB-181K	180	1 KHz	5	0.57	0.50	
PM105SB-221K	220	1 KHz	5	0.78	0.47	
PM105SB-271K	270	1 KHz	5	0.87	0.41	
PM105SB-331K	330	1 KHz	4	1.20	0.37	
PM105SB-391K	390	1 KHz	3	1.34	0.35	
PM105SB-471K	470	1 KHz	3	1.50	0.33	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+ 0.5

Pad Layout

Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size, low profile
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

Typical Applications

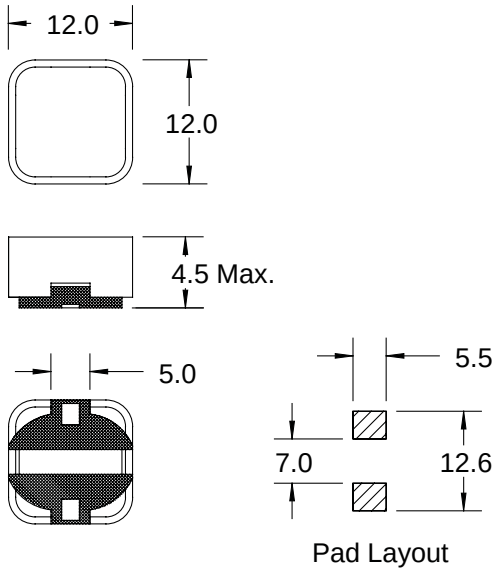
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices
- Industrial electronics
- Onboard power supplies

Notes

* Rated current to cause max. 25 % of inductance drop and 40 °C temperature rise

PM124SH Series				
Part Number	L (µH) ± 20 % @ 100 KHz Max.	DCR (Ω) Max.	Idc* (A)	Bourns Equivalent
PM124SH-3R9M	3.9	0.015	6.5	
PM124SH-4R7M	4.7	0.018	5.7	
PM124SH-6R8M	6.8	0.023	4.9	
PM124SH-8R2M	8.2	0.026	4.6	
PM124SH-100M	10	0.028	4.5	
PM124SH-120M	12	0.038	4.0	
PM124SH-150M	15	0.050	3.2	
PM124SH-180M	18	0.057	3.1	
PM124SH-220M	22	0.066	2.9	
PM124SH-270M	27	0.080	2.8	
PM124SH-330M	33	0.097	2.7	
PM124SH-390M	39	0.13	2.1	SRR1240
PM124SH-470M	47	0.15	1.9	
PM124SH-560M	56	0.19	1.8	
PM124SH-680M	68	0.22	1.5	
PM124SH-820M	82	0.26	1.3	
PM124SH-101M	100	0.31	1.2	
PM124SH-121M	120	0.38	1.1	
PM124SH-151M	150	0.53	0.95	
PM124SH-181M	180	0.62	0.85	
PM124SH-221M	220	0.70	0.80	
PM124SH-271M	270	0.88	0.60	
PM124SH-331M	330	0.99	0.50	

For RoHS compliant version, add "-RC" to part number.



Pad Layout

Dimensions: mm
Tolerance: -/+0.3

Special Features

- High current capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Low profile, compact size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 1 KHz
- Operating temperature -20 to +105 °C
- Tape & reel packaged 400/reel

Typical Applications

- High reliability, low magnetic coupling and densely packed board design
- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

PM12565S Series					
Part Number	L (µH) ± 30 %	DCR (Ω) Max.	I, sat.* (A)	I, rated** (A)	Bourns Equivalent
PM12565S-2R0	2	0.014	10.0	6.2	SRR1260***
PM12565S-4R2	4.2	0.018	7.3	5.5	
PM12565S-7R0	7	0.021	5.7	5	
	± 20 %				
PM12565S-100M	10	0.024	5.0	4.8	
PM12565S-150M	15	0.028	4.2	4.4	
PM12565S-220M	22	0.038	3.5	3.8	
PM12565S-330M	33	0.049	2.8	3.4	
PM12565S-470M	47	0.069	2.4	2.8	
PM12565S-680M	68	0.094	2.0	2.4	
PM12565S-101M	100	0.148	1.6	1.9	
PM12565S-221M	220	0.328	1.0	1.2	

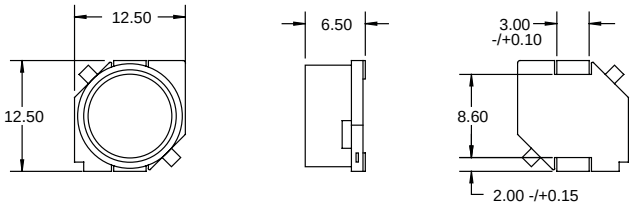
For RoHS compliant version, add "-RC" to part number.

Notes

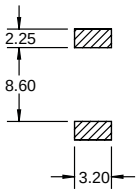
* Saturation current to cause 10 % inductance drop

** Rated current to cause 40 °C temperature rise

*** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.



Dimensions: mm
Tolerance: -/+0.35



Pad Layout

Special Features

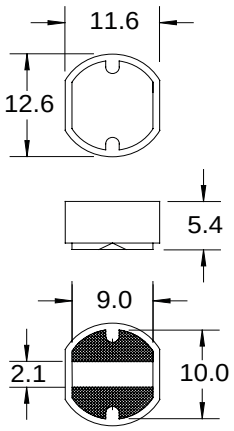
- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

Notes

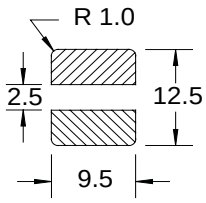
* Current to cause max. 25 % of inductance drop, or 40 °C temperature rise

PM125S Series					
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (A)
PM125S-100M	10	2.52 MHz	24	0.05	2.65
PM125S-120M	12	2.52 MHz	21	0.05	2.50
PM125S-150M	15	2.52 MHz	19	0.06	2.45
PM125S-180M	18	2.52 MHz	16	0.06	2.40
	-15 %, +20 %				
PM125S-220M	22	2.52 MHz	15	0.07	2.20
PM125S-270M	27	2.52 MHz	14	0.08	2.00
PM125S-330M	33	2.52 MHz	13	0.10	1.80
PM125S-390M	39	2.52 MHz	12	0.11	1.65
PM125S-470M	47	2.52 MHz	10	0.12	1.50
PM125S-560M	56	2.52 MHz	9	0.15	1.38
PM125S-680M	68	2.52 MHz	9	0.17	1.26
PM125S-820M	82	2.52 MHz	8	0.20	1.14
PM125S-101M	100	1 KHz	7	0.25	1.05
PM125S-121M	120	1 KHz	6	0.28	0.95
PM125S-151M	150	1 KHz	6	0.40	0.85
PM125S-181M	180	1 KHz	5	0.48	0.77
PM125S-221M	220	1 KHz	5	0.52	0.70
PM125S-271M	270	1 KHz	4	0.70	0.63
PM125S-331M	330	1 KHz	4	0.80	0.57
PM125S-391M	390	1 KHz	4	1.08	0.52
PM125S-471M	470	1 KHz	3	1.20	0.48
PM125S-561M	560	1 KHz	3	1.34	0.44
PM125S-681M	680	1 KHz	3	1.78	0.40
PM125S-821M	820	1 KHz	2	2.00	0.36

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.5



Pad Layout

Special Features

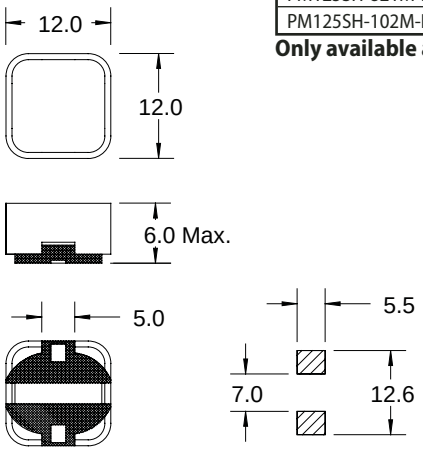
- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

Notes

* Current to cause max. 25 % of inductance drop, or 40 °C temperature rise

PM125SH Series				
Part Number	L (µH) ±20 % @ 1 KHz	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PM125SH-100M-RC	10	0.025	4.0	
PM125SH-120M-RC	12	0.027	3.5	
PM125SH-150M-RC	15	0.030	3.3	
PM125SH-180M-RC	18	0.034	3.0	
PM125SH-220M-RC	22	0.036	2.8	
PM125SH-270M-RC	27	0.051	2.3	
PM125SH-330M-RC	33	0.057	2.1	
PM125SH-390M-RC	39	0.068	2.0	
PM125SH-470M-RC	47	0.075	1.8	
PM125SH-560M-RC	56	0.11	1.7	
PM125SH-680M-RC	68	0.12	1.5	
PM125SH-820M-RC	82	0.14	1.4	
PM125SH-101M-RC	100	0.16	1.3	SRR1260
PM125SH-121M-RC	120	0.17	1.1	
PM125SH-151M-RC	150	0.23	1.0	
PM125SH-181M-RC	180	0.29	0.90	
PM125SH-221M-RC	220	0.40	0.80	
PM125SH-271M-RC	270	0.46	0.75	
PM125SH-331M-RC	330	0.51	0.68	
PM125SH-391M-RC	390	0.69	0.65	
PM125SH-471M-RC	470	0.77	0.58	
PM125SH-561M-RC	560	0.86	0.54	
PM125SH-681M-RC	680	1.20	0.48	
PM125SH-821M-RC	820	1.34	0.43	
PM125SH-102M-RC	1000	1.53	0.40	

Only available as RoHS compliant.



Pad Layout

Dimensions: mm
Tolerance: -/+0.3

Special Features

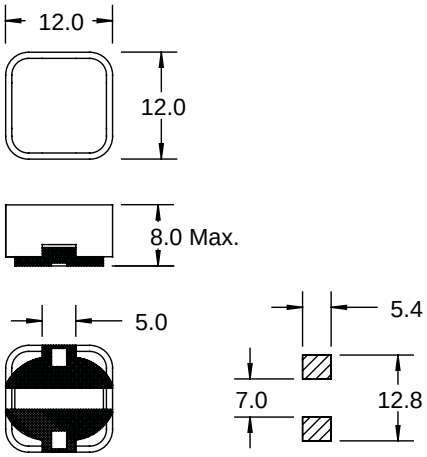
- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

Notes

* Current to cause max. 25 % of inductance drop, or 40 °C temperature rise

PM127SH Series					
Part Number	L (µH) +40/-20 %	Test Freq. (KHz)	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PM127SH-1R2N-RC	1.2	100	0.007	9.8	
PM127SH-2R4N-RC	2.4	100	0.012	8.0	
PM127SH-3R5N-RC	3.5	100	0.014	7.5	
PM127SH-4R7N-RC	4.7	100	0.016	6.8	
PM127SH-6R1N-RC	6.1	100	0.018	6.6	
PM127SH-7R6N-RC	7.6	100	0.020	5.9	
	±20 %				
PM127SH-100M-RC	10	1.0	0.022	5.40	
PM127SH-120M-RC	12	1.0	0.024	4.90	
PM127SH-150M-RC	15	1.0	0.027	4.50	
PM127SH-180M-RC	18	1.0	0.039	3.90	
PM127SH-220M-RC	22	1.0	0.043	3.60	
PM127SH-270M-RC	27	1.0	0.046	3.40	
PM127SH-330M-RC	33	1.0	0.065	3.00	
PM127SH-390M-RC	39	1.0	0.073	2.75	
PM127SH-470M-RC	47	1.0	0.10	2.50	SRR1208
PM127SH-560M-RC	56	1.0	0.11	2.35	
PM127SH-680M-RC	68	1.0	0.14	2.10	
PM127SH-820M-RC	82	1.0	0.16	1.95	
PM127SH-101M-RC	100	1.0	0.22	1.70	
PM127SH-121M-RC	120	1.0	0.25	1.60	
PM127SH-151M-RC	150	1.0	0.28	1.42	
PM127SH-181M-RC	180	1.0	0.35	1.30	
PM127SH-221M-RC	220	1.0	0.39	1.16	
PM127SH-271M-RC	270	1.0	0.56	1.06	
PM127SH-331M-RC	330	1.0	0.64	0.95	
PM127SH-391M-RC	390	1.0	0.70	0.88	
PM127SH-471M-RC	470	1.0	0.98	0.79	
PM127SH-561M-RC	560	1.0	1.07	0.73	
PM127SH-681M-RC	680	1.0	1.46	0.67	
PM127SH-821M-RC	820	1.0	1.64	0.60	
PM127SH-102M-RC	1000	1.0	1.82	0.55	

Only available as RoHS compliant.



Pad Layout

Dimensions: mm
Tolerance: -/+0.3

Special Features

- High energy storage capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Low profile, miniature size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Tape & reel packaged 750/reel

Typical Applications

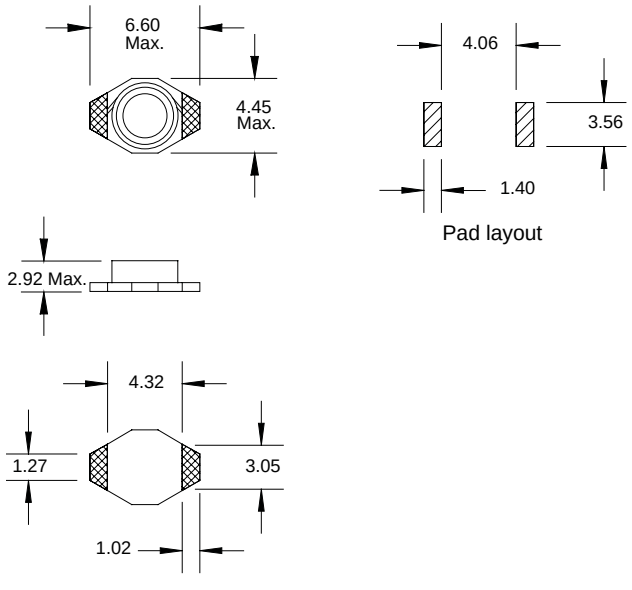
- High reliability, low magnetic coupling and densely packed board design
- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

Notes

* Rms current to cause 30 °C temperature rise

PM1608S Series					
Part Number	L (µH) ± 20 %	DCR (Ω) Max.	SRF (MHz) Typ.	I, rms* (A)	Bourns Equivalent
PM1608S-1R0M	1.0	0.04	250	3.0	
PM1608S-1R5M	1.5	0.04	5 125	2.8	
PM1608S-2R2M	2.2	0.05	120	1.8	
PM1608S-3R3M	3.3	0.055	120	1.6	
PM1608S-4R7M	4.7	0.06	105	1.4	
PM1608S-6R8M	6.8	0.065	50	1.2	
PM1608S-100M	10	0.075	38	1.0	
PM1608S-150M	15	0.09	33	0.8	
PM1608S-220M	22	0.11	25	0.7	
PM1608S-330M	33	0.19	20	0.6	
PM1608S-470M	47	0.23	20	0.5	
PM1608S-680M	68	0.29	15	0.4	
PM1608S-101M	100	0.48	10	0.3	SRR6603
PM1608S-151M	150	0.59	9	0.26	
PM1608S-221M	220	0.77	6	0.22	
PM1608S-331M	330	1.4	5	0.2	
PM1608S-471M	470	1.8	4	0.19	
PM1608S-681M	680	2.2	3	0.18	
PM1608S-102M	1000	3.4	2	0.15	
PM1608S-152M	1500	4.2	2	0.12	
PM1608S-222M	2200	8.5	2	0.1	
PM1608S-332M	3300	11.0	1	0.08	
PM1608S-472M	4700	13.9	1	0.06	
PM1608S-682M	6800	25.0	1	0.04	
PM1608S-103M	10,000	32.8	0.8	0.02	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm

Special Features

- High current capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Compact size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Tape & reel packaged 500/reel

Typical Applications

- High reliability, low magnetic coupling and densely packed board design
- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

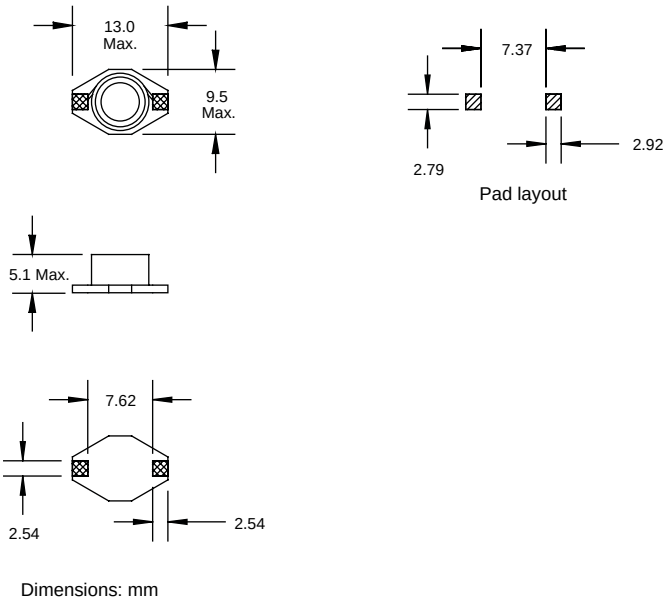
Notes

* Saturation current to cause 10 % inductance drop

** Rms current to cause 15 °C temperature rise

PM3316S Series					
Part Number	L (µH) ± 20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)	Bourns Equivalent
PM3316S-1R0M-RC	1.0	0.021	5.6	5.0	
PM3316S-1R5M-RC	1.5	0.022	5.2	4.5	
PM3316S-2R2M-RC	2.2	0.032	5.0	3.8	
PM3316S-3R3M-RC	3.3	0.039	3.9	3.3	
PM3316S-4R7M-RC	4.7	0.054	3.2	2.7	
PM3316S-6R8M-RC	6.8	0.075	2.8	2.2	SRR1005
PM3316S-100M-RC	10	0.101	2.4	2.0	
PM3316S-150M-RC	15	0.15	2.0	1.5	
PM3316S-220M-RC	22	0.207	1.6	1.3	
PM3316S-330M-RC	33	0.334	1.4	1.1	
PM3316S-470M-RC	47	0.472	1.0	0.8	

Only available as RoHS compliant.



Dimensions: mm

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 2000/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- Cell phones, pagers, GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

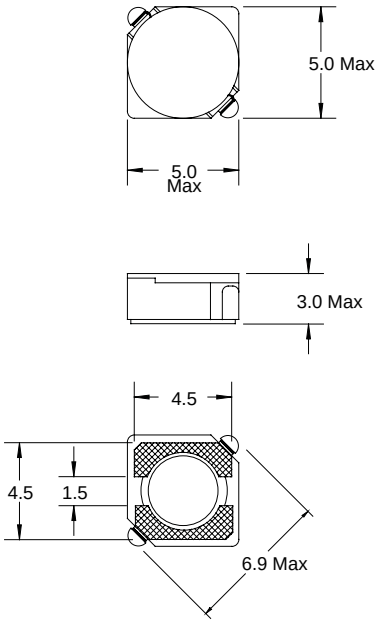
Notes

* Rated current to cause max. 35 % of inductance drop and 40 °C temperature rise

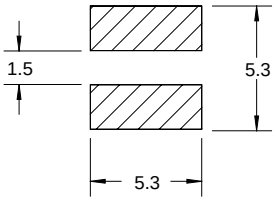
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM428S Series				
Part Number	L (µH) ± 30 % @ 100 KHz	DCR (Ω) Max.	I * (A)	Bourns Equivalent
PM428S-1R2	1.2	0.024	2.56	
PM428S-1R8	1.8	0.028	2.20	
PM428S-2R2	2.2	0.031	2.04	
PM428S-2R7	2.7	0.043	1.60	
PM428S-3R3	3.3	0.049	1.57	
PM428S-3R9	3.9	0.065	1.44	
PM428S-4R7	4.7	0.072	1.32	
PM428S-5R6	5.6	0.101	1.17	
PM428S-6R8	6.8	0.109	1.12	
PM428S-8R2	8.2	0.118	1.04	
PM428S-100	10	0.128	1.00	
PM428S-120	12	0.132	0.84	
PM428S-150	15	0.149	0.76	SRR4028**
PM428S-180	18	0.166	0.72	
PM428S-220	22	0.235	0.70	
PM428S-270	27	0.261	0.58	
PM428S-330	33	0.378	0.56	
PM428S-390	39	0.384	0.50	
PM428S-470	47	0.587	0.48	
PM428S-560	56	0.625	0.41	
PM428S-680	68	0.699	0.35	
PM428S-820	82	0.915	0.32	
PM428S-101	100	1.02	0.29	
PM428S-121	120	1.27	0.27	
PM428S-151	150	1.35	0.24	
PM428S-181	180	1.54	0.22	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Special Features

- Ultra low profile
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 1000/reel

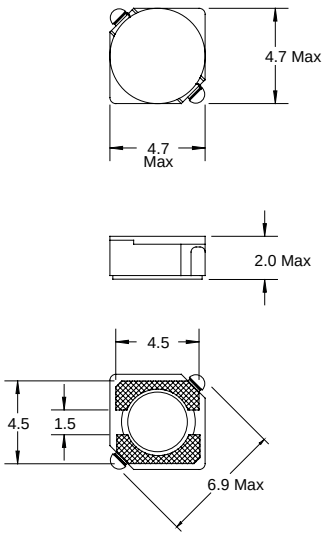
Notes

* Current to cause max. 25 % of inductance drop, or 40 °C temperature rise

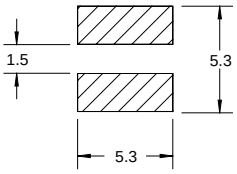
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM42S Series					
Part Number	L (µH) ±30 %	Test Freq. (MHz)	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PM42S-1R0	1.0	7.96	0.045	1.72	
PM42S-2R2	2.2	7.96	0.075	1.32	
PM42S-2R7	2.7	7.96	0.105	1.28	
PM42S-3R3	3.3	7.96	0.110	1.04	
PM42S-3R9	3.9	7.96	0.155	0.88	
PM42S-4R7	4.7	7.96	0.162	0.84	
PM42S-5R6	5.6	7.96	0.170	0.80	
PM42S-6R8	6.8	7.96	0.200	0.76	
PM42S-8R2	8.2	7.96	0.245	0.68	
PM42S-100	10	10 KHz	0.200	0.61	
PM42S-120	12	10 KHz	0.210	0.56	
PM42S-150	15	10 KHz	0.240	0.50	
PM42S-180	18	10 KHz	0.338	0.48	SRR4018**
PM42S-220	22	10 KHz	0.397	0.41	
PM42S-270	27	10 KHz	0.441	0.35	
PM42S-330	33	10 KHz	0.394	0.32	
PM42S-390	39	10 KHz	0.709	0.30	
PM42S-470	47	10 KHz	0.922	0.28	
PM42S-560	56	10 KHz	1.08	0.26	
PM42S-680	68	10 KHz	1.30	0.24	
PM42S-820	82	10 KHz	1.56	0.22	
PM42S-101	100	10 KHz	1.73	0.20	
PM42S-121	120	10 KHz	2.39	0.18	
PM42S-151	150	10 KHz	2.67	0.15	
PM42S-181	180	10 KHz	4.00	0.14	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Special Features

- High current capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Compact size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Tape & reel packaged 250/reel

Typical Applications

- High reliability, low magnetic coupling densely packed board design
- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

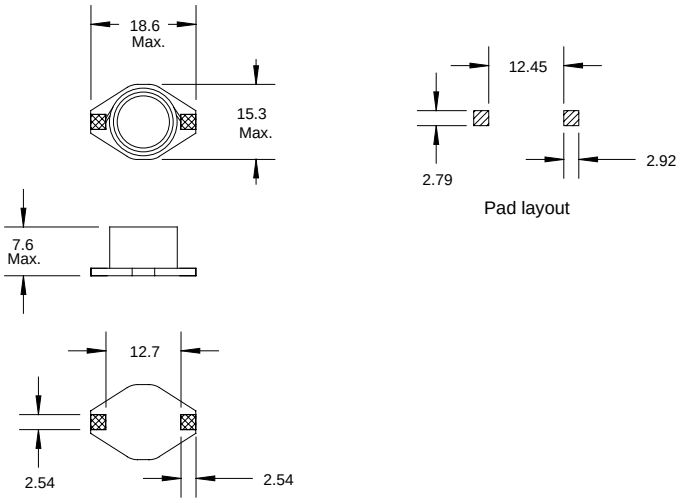
Notes

* Saturation current to cause 10 % inductance drop

** Rms current to cause 40 °C temperature

PM5022S Series					
Part Number	L (µH) ± 20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)	Bourns Equivalent
PM5022S-100M	10	0.04	8.0	3.9	
PM5022S-150M	15	0.048	7.0	3.4	
PM5022S-220M	22	0.059	6.0	3.1	
PM5022S-330M	33	0.075	5.0	2.8	
PM5022S-470M	47	0.097	4.0	2.4	
PM5022S-680M	68	0.138	3.0	2.0	
PM5022S-101M	100	0.207	2.4	1.7	SRR1806
PM5022S-151M	150	0.293	2.1	1.3	
PM5022S-221M	220	0.47	1.9	1.1	
PM5022S-331M	330	0.78	1.1	0.86	
PM5022S-471M	470	1.08	1.1	0.73	
PM5022S-681M	680	1.4	0.96	0.64	
PM5022S-102M	1000	2.01	0.8	0.53	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Large terminal surface for good PCB bonding
- Operating temperature -40 to +85 °C
- Tape & reel packaged 2000/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- Cell phones, pagers, GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

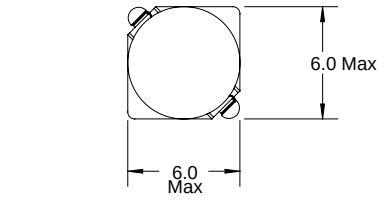
PM518S Series				
Part Number	L (µH) ± 30 % @ 10 KHz	DCR (Ω) Max.	I * (A)	Bourns Equivalent
PM518S-4R1	4.1	0.057	1.95	
PM518S-5R4	5.4	0.076	1.60	
PM518S-6R2	6.2	0.096	1.40	
PM518S-8R9	8.9	0.116	1.25	
PM518S-100	10	0.124	1.20	
PM518S-120	12	0.153	1.10	
PM518S-150	15	0.196	0.97	
PM518S-180	18	0.210	0.85	
PM518S-220	22	0.290	0.80	SRR5018**
PM518S-270	27	0.330	0.75	
PM518S-330	33	0.386	0.65	
PM518S-390	39	0.520	0.57	
PM518S-470	47	0.595	0.54	
PM518S-560	56	0.665	0.50	
PM518S-680	68	0.840	0.43	
PM518S-820	82	0.978	0.41	
PM518S-101	100	1.20	0.36	

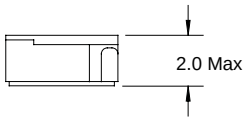
For RoHS compliant version, add "-RC" to part number.

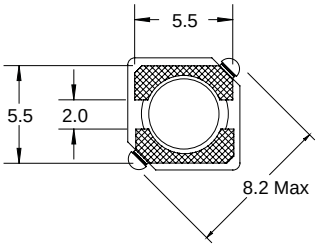
Notes

* Rated current to cause max. 35 % of inductance drop and 30 °C temperature rise

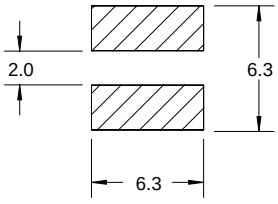
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.







Dimensions: mm



Pad Layout

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Large terminal surface for good PCB bonding
- Operating temperature -40 to +85 °C
- Tape & reel packaged 2000/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- Cell phones, pagers, GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

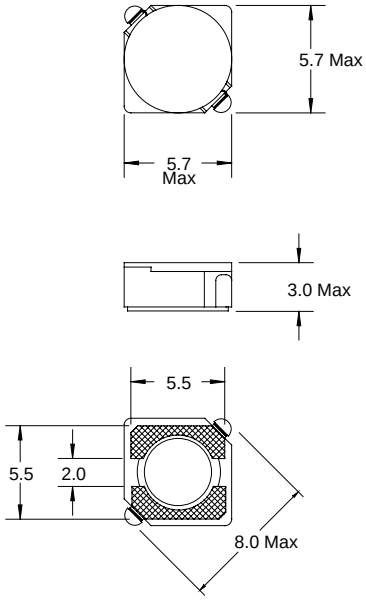
Notes

* Rated current to cause max. 35 % of inductance drop and 30 °C temperature rise

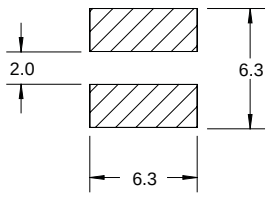
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM528S Series				
Part Number	L (µH) ± 30 % @ 10 KHz	DCR (Ω) Max.	I * (A)	Bourns Equivalent
PM528S-2R6	2.6	0.018	2.60	
PM528S-3R0	3.0	0.024	2.40	
PM528S-4R2	4.2	0.031	2.20	
PM528S-5R3	5.3	0.038	1.90	
PM528S-6R2	6.2	0.045	1.80	
PM528S-8R2	8.2	0.053	1.60	
PM528S-100	10	0.065	1.30	
PM528S-120	12	0.076	1.20	
PM528S-150	15	0.103	1.10	
PM528S-180	18	0.110	1.00	SRR5028**
PM528S-220	22	0.122	0.90	
PM528S-270	27	0.175	0.85	
PM528S-330	33	0.189	0.75	
PM528S-390	39	0.212	0.70	
PM528S-470	47	0.260	0.62	
PM528S-560	56	0.305	0.58	
PM528S-680	68	0.355	0.52	
PM528S-820	82	0.463	0.46	
PM528S-101	100	0.520	0.42	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Large terminal surface for good PCB bonding
- Operating temperature -25 to +85 °C
- Tape & reel packaged 1500/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

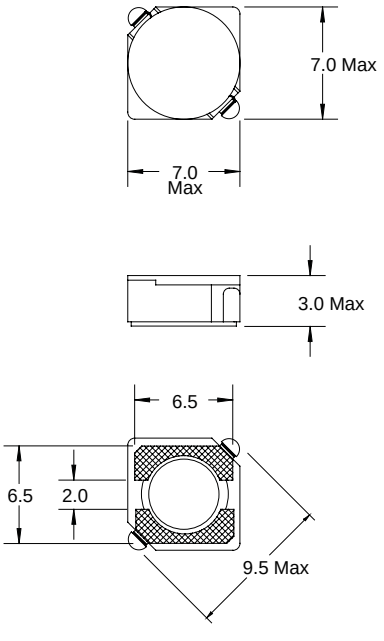
Notes

* Rated current to cause max. 35 % of inductance drop and 30 °C temperature rise

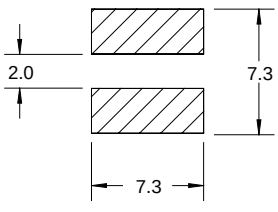
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM628S Series				
Part Number	L (µH) ± 30 % @ 10 KHz	DCR (Ω) Max.	I* (A)	Bourns Equivalent
PM628S-3R0	3.0	0.024	3.00	
PM628S-3R9	3.9	0.027	2.60	
PM628S-5R0	5.0	0.031	2.40	
PM628S-6R0	6.0	0.035	2.25	
PM628S-7R3	7.3	0.054	2.10	
PM628S-8R6	8.6	0.058	1.85	
PM628S-100	10	0.065	1.70	
PM628S-120	12	0.070	1.55	
PM628S-150	15	0.084	1.40	
PM628S-180	18	0.095	1.32	SRR6028**
PM628S-220	22	0.128	1.20	
PM628S-270	27	0.142	1.05	
PM628S-330	33	0.165	0.97	
PM628S-390	39	0.210	0.86	
PM628S-470	47	0.238	0.80	
PM628S-560	56	0.277	0.73	
PM628S-680	68	0.304	0.65	
PM628S-820	82	0.390	0.60	
PM628S-101	100	0.535	0.54	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Large terminal surface for good PCB bonding
- Operating temperature -25 to +85 °C
- Tape & reel packaged 1000/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

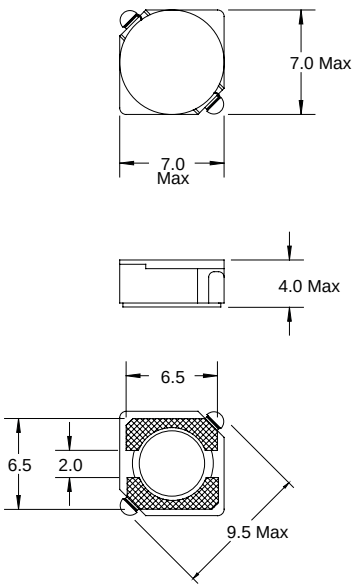
Notes

* Rated current to cause max. 35 % of inductance drop and 30 °C temperature rise

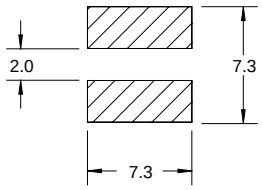
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM638S Series				
Part Number	L (µH) ± 30 % @ 10 KHz	DCR (Ω) Max.	I* (A)	Bourns Equivalent
PM638S-3R3	3.3	0.020	3.50	SRR6038**
PM638S-5R0	5.0	0.024	2.90	
PM638S-6R2	6.2	0.027	2.50	
PM638S-7R4	7.4	0.031	2.30	
PM638S-8R7	8.7	0.034	2.20	
PM638S-100	10	0.038	2.00	
PM638S-120	12	0.053	1.70	
PM638S-150	15	0.057	1.60	
PM638S-180	18	0.092	1.50	
PM638S-220	22	0.096	1.30	
PM638S-270	27	0.109	1.20	
PM638S-330	33	0.124	1.10	
PM638S-390	39	0.138	1.00	
PM638S-470	47	0.155	0.95	
PM638S-560	56	0.202	0.85	
PM638S-680	68	0.234	0.75	
PM638S-820	82	0.324	0.70	
PM638S-101	100	0.358	0.65	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm



Pad Layout

Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Easy access for reflow soldering inspection
- Operating temperature -30 to +100 °C
- Tape & reel packaged 1500/reel

Typical Applications

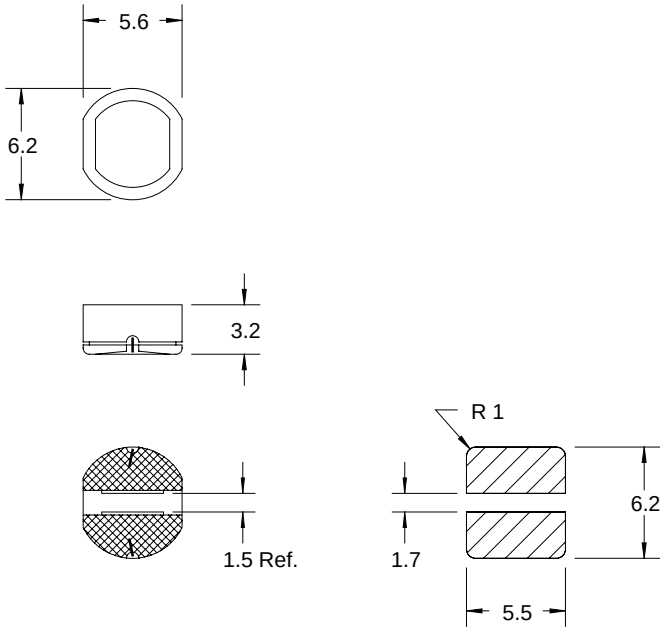
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- PDAs, MP3 players
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices
- Industrial electronics

Notes

* Current to cause 10 % of inductance drop, or 40 °C temperature rise

PM63SB Series					
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (A)
PM63SB-100M	10	2.52MHz	35	0.14	1.00
PM63SB-120M	12	2.52MHz	32	0.16	0.94
PM63SB-150M	15	2.52MHz	29	0.18	0.86
PM63SB-180M	18	2.52MHz	26	0.25	0.78
PM63SB-220M	22	2.52MHz	23	0.32	0.76
PM63SB-270M	27	2.52MHz	20	0.36	0.64
	± 15 %				
PM63SB-330L	33	2.52MHz	18	0.41	0.61
PM63SB-390L	39	2.52MHz	17	0.47	0.53
PM63SB-470L	47	2.52MHz	15	0.51	0.50
PM63SB-560L	56	2.52MHz	14	0.72	0.46
PM63SB-680L	68	2.52MHz	12	0.82	0.42

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+ 0.3

Pad Layout

Special Features

- High current capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Low profile, compact size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 1 KHz
- Operating temperature -20 to +85 °C
- Tape & reel packaged 1000/reel

Typical Applications

- High reliability, low magnetic coupling and densely packed board design
- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

Notes

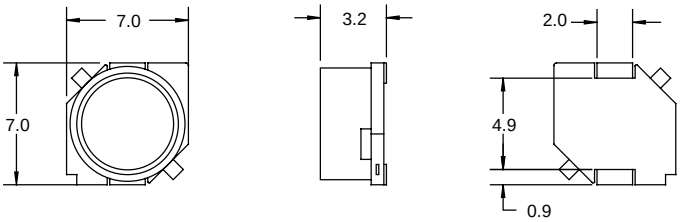
* Saturation current to cause 10 % inductance drop

** Rated current to cause 40 °C temperature rise

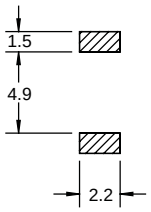
*** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM7032S Series					
Part Number	L (µH) ± 20 %	DCR (Ω) Max.	I, sat.* (A)	I, rated ** (A)	Bourns Equivalent
PM7032S-3R3M	3.3	0.028	1.9	2.2	SRR7032***
PM7032S-4R7M	4.7	0.043	1.7	1.8	
PM7032S-6R8M	6.8	0.049	1.6	1.7	
PM7032S-100M	10	0.064	1.4	1.5	
PM7032S-150M	15	0.09	1.1	1.2	
PM7032S-220M	22	0.13	0.96	1.0	
PM7032S-330M	33	0.19	0.75	0.86	
PM7032S-470M	47	0.29	0.67	0.71	
PM7032S-680M	68	0.37	0.59	0.62	
PM7032S-101M	100	0.54	0.45	0.51	
PM7032S-151M	150	0.78	0.37	0.43	
PM7032S-221M	220	1.26	0.29	0.33	
PM7032S-331M	330	2.00	0.22	0.26	
PM7032S-471M	470	2.46	0.20	0.24	
PM7032S-681M	680	3.78	0.16	0.19	
PM7032S-102M	1000	5.74	0.13	0.13	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0 .2



Pad Layout

Special Features

- Magnetically shielded for low radiation
- High saturation current
- Low DC resistance
- Low profile
- High temperature application environment
- Operating frequency up to 3 MHz
- Operating temperature: -40 to +150 °C
- Tape and reel packaging

Typical Applications

- Ideal for very high current DC/DC converter output inductors
- High-density, tight-board space designs
- High-speed notebook computers
- Video game machines
- Low-profile/high-current power supplies

Notes

* Rated DC current to cause 40 °C temperature rise

** Max. DC current to cause 100 °C temperature rise
Test frequency: 100 KHz

PM7232S / PM1038S / PM12639S / PM12645S / PM12651S / PM13560S / PM13656S / PM13666S Series

Part Number	L (µH) ±20 %	DCR (Ω) Max.	Irated (A)*	L (µH) ±20 % @ Irated	Imax (A)**	L (µH) ±20 % @ Imax	Bourns Equivalent
PM7232S-R10M	0.10	0.0011	22	0.09	32	0.08	SRP7030
PM7232S-R22M	0.22	0.0017	17	0.20	28	0.19	
PM7232S-R47M	0.47	0.0030	15	0.37	25	0.30	
PM7232S-R72M	0.72	0.0080	12.5	0.60	22	0.44	
PM7232S-1R0M	1.0	0.0084	10	0.85	15	0.72	
PM7232S-1R5M	1.5	0.0095	9.0	1.1	14	1.0	
PM1038S-R15M	0.15	0.00073	30	0.13	51	0.1	SRP1235
PM1038S-R39M	0.39	0.00145	24	0.33	40	0.28	
PM1038S-R50M	0.50	0.00148	23	0.41	37	0.34	
PM1038S-R75M	0.75	0.0035	20	0.63	25	0.58	
PM1038S-1R2M	1.2	0.0047	17	1.02	24.5	0.91	
PM1038S-1R7M	1.7	0.0079	15	1.42	22.5	1.17	
PM1038S-2R5M	2.5	0.0087	11.5	2.08	16.5	1.85	
PM12639S-R67M	0.67	0.0014	23	0.54	35	0.5	SRP1250
PM12639S-1R2M	1.2	0.0028	18.5	1.01	23.5	0.93	
PM12645S-1R2M	1.2	0.0018	21	1.0	35	0.81	
PM12645S-1R8M	1.8	0.0035	16	1.5	26	1.30	
PM12645S-2R7M	2.7	0.0044	15	2.14	24	1.81	
PM12651S-R50M	0.5	0.0011	24	0.42	32	0.37	
PM12651S-4R7M	4.7	0.0072	12	3.64	17	3.3	
PM12651S-9R0M	9.0	0.0149	7.5	7.65	13	6.5	
PM13560S-6R0M	6.0	0.0107	9.5	5.0	16	4.2	SRP1250
PM13560S-100M	10	0.0149	7.5	8.0	12	7.0	
PM13656S-R22M	0.22	0.00054	34	0.2	80	0.16	
PM13656S-R50M	0.5	0.00088	40	0.43	60	0.35	
PM13666S-1R0M	1.0	0.0012	25	0.8	38	0.7	

For RoHS compliant version, add "-RC" to part number.

Dimensions (mm), Tolerance: ±0.4 mm

Series Number	A	B	C	D	E	F (Ref)	G (Ref)	H (Ref)	Fig.	Reel Size
PM7232S	7.2	6.6	3.2	3.5	1.3	3.0	4.0	7.5	1	1500
PM1038S	10.5	10.0	3.8	2.0	2.4	4.5	5.0	11.5	2	800
PM12639S	12.6	12.6	3.9	5.8	2.4	6.0	6.5	13.0	1	800
PM12645S	12.6	12.6	4.5	5.8	2.4	6.0	6.5	13.0	1	800
PM12651S	12.6	12.6	5.1	5.8	2.4	6.0	6.5	13.0	1	800
PM13560S	13.0	12.6	5.6	5.8	2.4	6.4	6.5	13.4	1	500
PM13656S	13.6	12.6	5.6	2.4	3.5	5.3	5.0	14.7	2	500
PM13666S	13.6	12.6	6.6	2.4	3.5	5.3	5.0	14.7	2	500

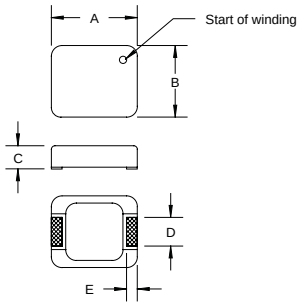


Figure 1

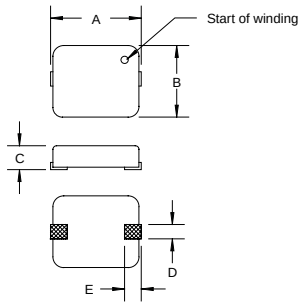
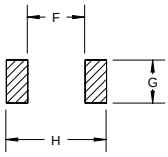


Figure 2



Pad Layout

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Operating temperature -40 to +100 °C
- Tape & reel packaged 1000/reel

Typical Applications

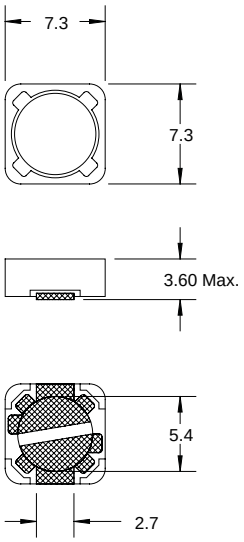
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

Notes

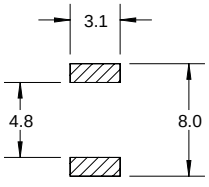
* Rated current to cause max. 20 % of inductance drop and 40 °C temperature rise.

PM73SH Series			
Part Number	L (µH) ±20 % @1 KHz	DCR (Ω) Max.	I* (A)
PM73SH-R56M	0.56	0.011	4.02
PM73SH-1R0M	1.0	0.012	3.90
PM73SH-1R5M	1.5	0.015	3.48
PM73SH-3R3M	3.3	0.029	2.49
PM73SH-4R7M	4.7	0.036	2.24
PM73SH-6R8M	6.8	0.050	1.89
PM73SH-100M	10	0.061	1.72
PM73SH-120M	12	0.083	1.48
PM73SH-150M	15	0.099	1.35
PM73SH-180M	18	0.11	1.26
PM73SH-220M	22	0.13	1.17
PM73SH-270M	27	0.19	0.98
PM73SH-330M	33	0.22	0.90
PM73SH-390M	39	0.24	0.87
PM73SH-470M	47	0.27	0.82
PM73SH-560M	56	0.37	0.70
PM73SH-680M	68	0.41	0.67
PM73SH-820M	82	0.53	0.59
PM73SH-101M	100	0.58	0.56
PM73SH-121M	120	0.65	0.53
PM73SH-151M	150	0.74	0.50
PM73SH-181M	180	1.25	0.38
PM73SH-221M	220	1.50	0.35
PM73SH-271M	270	1.81	0.32
PM73SH-331M	330	1.84	0.31
PM73SH-391M	390	2.58	0.26
PM73SH-471M	470	2.75	0.26
PM73SH-561M	560	2.92	0.25
PM73SH-681M	680	4.55	0.20
PM73SH-821M	820	5.34	0.18
PM73SH-102M	1000	7.80	0.15

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+ 0.2



Pad Layout

Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Easy access for reflow soldering inspection
- Operating temperature -30 to +100 °C
- Tape & reel packaged 1000/reel

Typical Applications

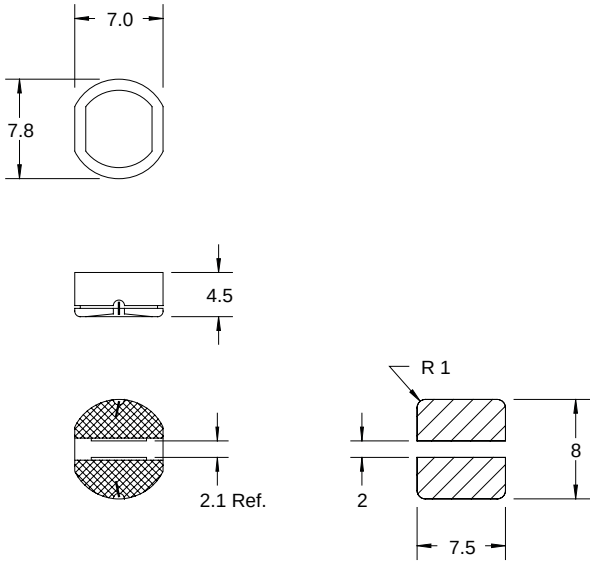
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- PDAs, MP3 players
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices
- Industrial electronics

Notes

* Current to cause 10 % of inductance drop, or 40 °C temperature rise

PM74SB Series					
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (A)
PM74SB-100M	10	2.52MHz	26	0.07	1.65
PM74SB-120M	12	2.52MHz	25	0.07	1.57
PM74SB-150M	15	2.52MHz	20	0.08	1.39
PM74SB-180M	18	2.52MHz	19	0.10	1.29
PM74SB-220M	22	2.52MHz	18	0.13	1.12
PM74SB-270M	27	2.52MHz	16	0.16	1.06
	± 15 %				
PM74SB-330L	33	2.52MHz	15	0.18	0.97
PM74SB-390L	39	2.52MHz	14	0.18	0.91
PM74SB-470L	47	2.52MHz	12	0.27	0.80
PM74SB-560L	56	2.52MHz	11	0.29	0.76
PM74SB-680L	68	2.52MHz	10	0.33	0.68
PM74SB-820L	82	2.52MHz	9	0.43	0.62
	± 10 %				
PM74SB-101K	100	1 KHz	8	0.49	0.55
PM74SB-121K	120	1 KHz	7	0.68	0.49
PM74SB-151K	150	1 KHz	6	0.94	0.44
PM74SB-181K	180	1 KHz	5	1.00	0.40
PM74SB-221K	220	1 KHz	5	1.18	0.36
PM74SB-271K	270	1 KHz	4	1.30	0.33

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+ 0.4

Pad Layout

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Operating temperature -40 to +100 °C
- Tape & reel packaged 1000/reel

Typical Applications

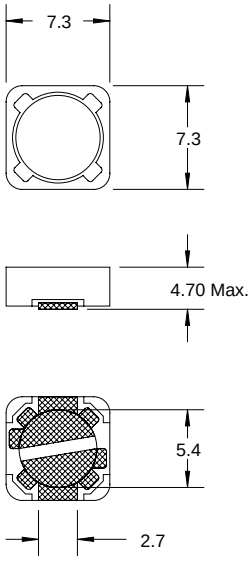
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

Notes

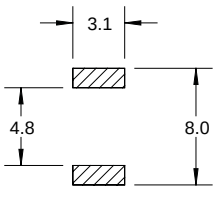
* Rated current to cause max. 20 % of inductance drop and 40 °C temperature rise

PM74SH Series				
Part Number	L (µH) ±20 % @1 KHz	DCR (Ω) Max.	I* (A)	Bourns Equivalent
PM74SH-2R7M	2.7	0.027	2.78	
PM74SH-3R9M	3.9	0.028	2.71	
PM74SH-4R7M	4.7	0.030	2.64	
PM74SH-5R6M	5.6	0.036	2.38	
PM74SH-6R3M	6.3	0.038	2.33	
PM74SH-100M	10	0.045	2.14	
PM74SH-120M	12	0.060	1.86	
PM74SH-150M	15	0.075	1.66	
PM74SH-180M	18	0.089	1.52	
PM74SH-220M	22	0.11	1.40	
PM74SH-270M	27	0.14	1.23	
PM74SH-330M	33	0.14	1.22	
PM74SH-390M	39	0.17	1.11	
PM74SH-470M	47	0.18	1.08	
PM74SH-560M	56	0.24	0.93	
PM74SH-680M	68	0.27	0.87	SRR7045
PM74SH-820M	82	0.32	0.81	
PM74SH-101M	100	0.43	0.69	
PM74SH-121M	120	0.47	0.66	
PM74SH-151M	150	0.54	0.62	
PM74SH-181M	180	0.69	0.54	
PM74SH-221M	220	0.96	0.46	
PM74SH-271M	270	1.08	0.44	
PM74SH-331M	330	1.32	0.39	
PM74SH-391M	390	1.63	0.36	
PM74SH-471M	470	1.85	0.33	
PM74SH-561M	560	2.17	0.31	
PM74SH-681M	680	2.90	0.27	
PM74SH-821M	820	3.55	0.24	
PM74SH-102M	1000	4.74	0.21	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+ 0.2



Pad Layout

Special Features

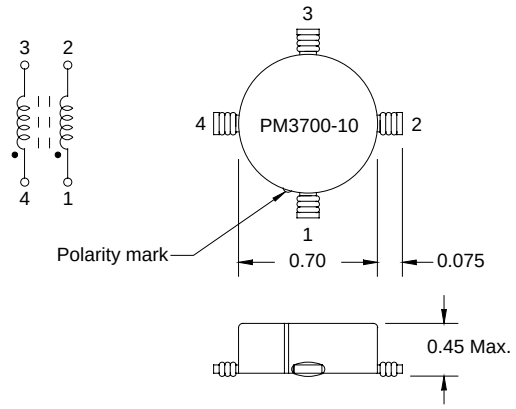
- Reduces conductive EMI emission
- Wide frequency range 10K to 100 MHz
- High current capacity
- Compact size
- Coil encapsulated in high-strength plastic case
- Suitable for wave & reflow solder
- Dielectric withstanding voltage 500 Vrms
- Operating temperature -55 to +105 ℃
- Tape & reel packaged 200/reel

Notes

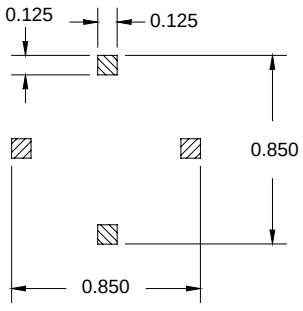
* Current to cause 35 ℃ max. temperature rise

PM3700 Series				
Part Number	L (mH) Min.	DCR (Ω) Max.	I* (A)	Typ. Freq. Range with 20dB Atten.
PM3700-10	0.2	0.008	7.0	5 - 55 MHz
PM3700-20	0.5	0.01	6.0	4 - 40 MHz
PM3700-30	0.75	0.012	5.5	1 - 20 MHz
PM3700-40	1.0	0.02	4.0	500 KHz - 40 MHz
PM3700-50	2.0	0.03	3.5	300 KHz - 20 MHz
PM3700-60	5.0	0.07	2.0	100 KHz - 10 MHz
PM3700-70	10	0.15	1.5	50 KHz - 5 MHz
PM3700-80	20	0.25	1.0	25 KHz -4 MHz

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches



Pad Layout

Common Mode Chip Inductors

Special Features

- High common mode impedance
- Excellent noise suppression performance
- Small size, low profile
- Rated voltage: 50 VDC
- Withstanding voltage: 125 VDC
- Insulation resistance: 10M Ω min.
- Operating temperature: -55 to +125 °C

Typical Applications

- Common mode noise suppression for high speed signal lines
- USB 2.0 line for personal computers and peripheral devices
- IEEE 1394 line for PC, DVC and LVDS
- Panel link line for LCD

Notes

* Rated Idc causes a 30 °C temperature rise

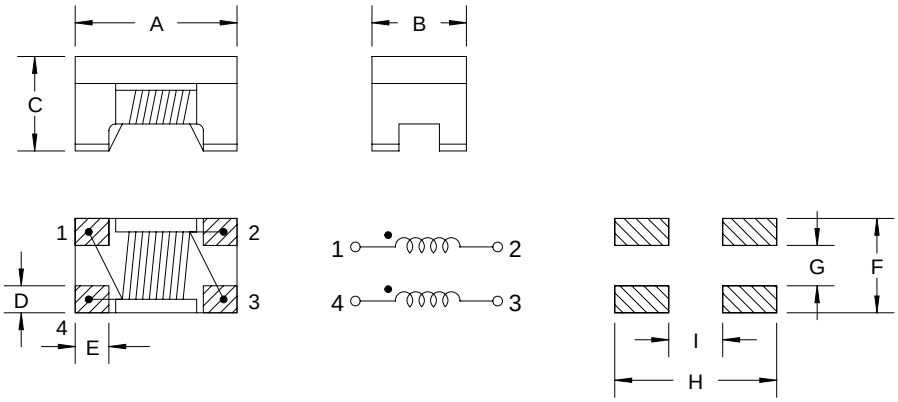
** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM0805CM/PM1206CM Series				
Part Number	Common mode Impedance (Ω) ±25 % @ 100MHz	DCR (Ω) Max.	Idc* (mA)	Bourns Equivalent
PM0805CM-300-RC	30	0.20	400	SRF2012**
PM0805CM-670-RC	67	0.25	400	
PM0805CM-900-RC	90	0.30	400	
PM0805CM-121-RC	120	0.30	400	
PM0805CM-161-RC	160	0.35	350	
PM0805CM-181-RC	180	0.35	350	
PM0805CM-221-RC	220	0.40	300	
PM0805CM-261-RC	260	0.40	300	
PM0805CM-301-RC	300	0.45	300	
PM0805CM-361-RC	360	0.50	100	
PM0805CM-371-RC	370	0.50	100	
PM1206CM-900-RC	90	0.30	370	SRF3216**
PM1206CM-161-RC	160	0.40	340	
PM1206CM-221-RC	220	0.50	310	
PM1206CM-601-RC	600	0.80	260	
PM1206CM-102-RC	1000	1.00	230	
PM1206CM-222-RC	2200	1.20	200	

Only available as RoHS compliant.

Dimensions: mm, Tolerance: ±0.2

Series Number	A	B	C	D	E	F	G	H	I	Reel Size
PM0805CM	2.0	1.2	1.2	0.4	0.45	1.25	0.45	2.6	1.1	2000
PM1206CM	3.2	1.6	2.0	0.6	0.6	1.6	0.4	3.7	1.9	2000



Pad Layout

Special Features

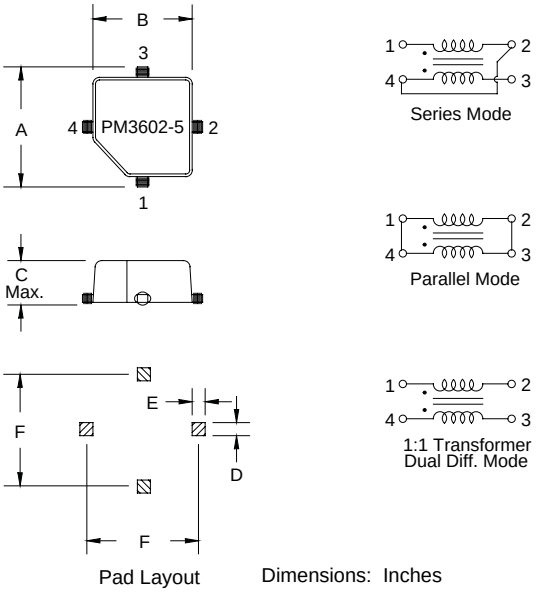
- Multiple applications: parallel, series, dualdiff. mode inductor & 1:1 ratio transformer
- Toroid core design for low radiation
- Low core loss
- High frequency response when used as transformer
- Coil encapsulated from harsh environments
- Dielectric strength 500 Vrms
- Operating temperature -55 to +125 °C
- Parallel & series connection are made externally
- Tape and reel packaged

Notes

* Current to cause 35 °C max. temperature rise

PM3600 Series								
	Parallel				Series			
Part Number	L (µH) ±20 %	I* (A)	L (µH) ±20 % @rated I	DCR (Ω) Max.	L (µH) ±20 %	I* (A)	L (µH) ±20 % @rated I	DCR (Ω) Max.
PM3602-5-RC	5	2.41	3.8	0.023	20	1.20	15.2	0.092
PM3602-8-RC	8	1.90	6.1	0.037	32	0.95	23.2	0.15
PM3602-10-RC	10	1.83	7.4	0.040	40	0.92	29.6	0.16
PM3602-15-RC	15	1.45	11.1	0.063	60	0.73	44.4	0.25
PM3602-20-RC	20	1.25	15.2	0.086	80	0.63	60.8	0.34
PM3602-25-RC	25	1.17	18.5	0.098	100	0.59	74.0	0.39
PM3602-33-RC	33	0.98	24.8	0.14	132	0.49	99.2	0.56
PM3602-50-RC	50	0.78	37.5	0.22	200	0.38	150.0	0.88
PM3602-68	68	0.72	49.6	0.26	272	0.36	198.4	1.04
PM3602-100-RC	100	0.58	74.0	0.40	400	0.29	296	1.60
PM3602-150-RC	150	0.47	111	0.60	600	0.24	444	2.40
PM3602-200-RC	200	0.40	150	0.84	800	0.20	600	3.36
PM3602-250-RC	250	0.33	192.5	1.19	1000	0.17	770	4.76
PM3602-300-RC	300	0.32	225	1.31	1200	0.16	900	5.24
PM3604-5-RC	5	3.30	3.8	0.019	20	1.65	15.2	0.076
PM3604-8-RC	8	3.00	5.8	0.024	32	1.50	23.2	0.096
PM3604-10-RC	10	2.70	7.3	0.028	40	1.35	29.2	0.11
PM3604-15-RC	15	2.20	11.0	0.041	60	1.10	44.0	0.16
PM3604-20-RC	20	2.02	14.2	0.049	80	1.01	56.8	0.20
PM3604-25-RC	25	1.91	17.0	0.054	100	0.96	68.0	0.22
PM3604-33-RC	33	1.60	23.1	0.078	132	0.80	92.4	0.31
PM3604-50-RC	50	1.28	35.5	0.12	200	0.64	142	0.48
PM3604-68-RC	68	1.19	46.2	0.14	272	0.60	184.8	0.56
PM3604-100-RC	100	0.98	68.0	0.21	400	0.49	272	0.84
PM3604-150-RC	150	0.78	103.5	0.32	600	0.39	414	1.28
PM3604-200-RC	200	0.65	140	0.47	800	0.33	560	1.88
PM3604-250-RC	250	0.60	172.5	0.53	1000	0.30	690	2.12
PM3604-300-RC	300	0.52	213	0.73	1200	0.26	852	2.92

Only available as RoHS compliant.



Dimensions: Inches

Series Number	A	B	C	D	E	F	Reel Size
PM3602	0.452	0.354	0.225	0.10	0.10	0.385	700
PM3604	0.550	0.452	0.265	0.16	0.10	0.500	400

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for excellent PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 800/reel

Typical Applications

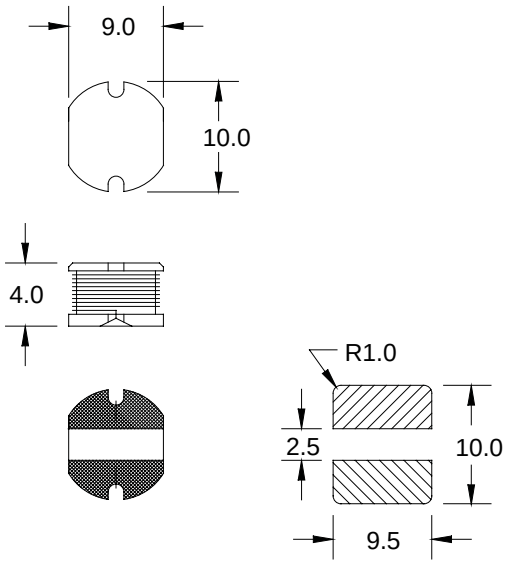
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronics devices

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise

PM104 Series				
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (A)
PM104-100M	10	2.52MHz	0.053	2.38
PM104-120M	12	2.52MHz	0.061	2.13
PM104-150M	15	2.52MHz	0.070	1.87
PM104-180M	18	2.52MHz	0.081	1.73
PM104-220M	22	2.52MHz	0.088	1.60
PM104-270M	27	2.52MHz	0.100	1.44
PM104-330M	33	2.52MHz	0.120	1.26
PM104-390M	39	2.52MHz	0.151	1.20
	±10 %			
PM104-470K	47	2.52MHz	0.170	1.10
PM104-560K	56	2.52MHz	0.199	1.01
PM104-680K	68	2.52MHz	0.223	0.91
PM104-820K	82	2.52MHz	0.252	0.85
PM104-101K	100	1 KHz	0.344	0.74
PM104-121K	120	1 KHz	0.396	0.69
PM104-151K	150	1 KHz	0.544	0.61
PM104-181K	180	1 KHz	0.621	0.56
PM104-221K	220	1 KHz	0.721	0.53
PM104-271K	270	1 KHz	0.949	0.45
PM104-331K	330	1 KHz	1.100	0.42
PM104-391K	390	1 KHz	1.245	0.38
PM104-471K	470	1 KHz	1.526	0.35
PM104-561K	560	1 KHz	1.904	0.32

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.5

Pad Layout

Special Features

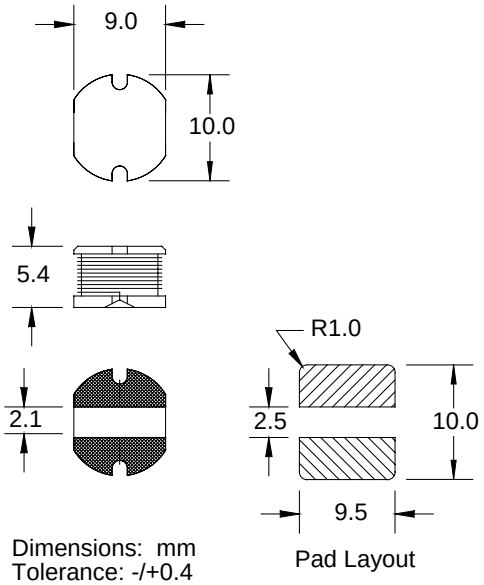
- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 500/reel

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise

PM105 Series						
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)	Bourns Equivalent
PM105-100M	10	2.52 MHz	25	0.06	2.60	
PM105-120M	12	2.52 MHz	23	0.07	2.45	
PM105-150M	15	2.52 MHz	19	0.08	2.27	
PM105-180M	18	2.52 MHz	18	0.09	2.15	
PM105-220M	22	2.52 MHz	15	0.10	1.96	
PM105-270M	27	2.52 MHz	14	0.11	1.76	
PM105-330M	33	2.52 MHz	13	0.12	1.50	
PM105-390M	39	2.52 MHz	12	0.14	1.37	
	±10 %					
PM105-470K	47	2.52 MHz	10	0.17	1.28	
PM105-560K	56	2.52 MHz	10	0.19	1.17	
PM105-680K	68	2.52 MHz	9	0.22	1.11	
PM105-820K	82	2.52 MHz	8	0.25	1.00	SDR1006
PM105-101K	100	1 KHz	7	0.35	0.97	
PM105-121K	120	1 KHz	6	0.40	0.89	
PM105-151K	150	1 KHz	5	0.47	0.78	
PM105-181K	180	1 KHz	5	0.63	0.72	
PM105-221K	220	1 KHz	5	0.73	0.66	
PM105-271K	270	1 KHz	4	0.97	0.57	
PM105-331K	330	1 KHz	4	1.15	0.52	
PM105-391K	390	1 KHz	3	1.30	0.48	
PM105-471K	470	1 KHz	3	1.48	0.42	
PM105-561K	560	1 KHz	3	1.90	0.33	
PM105-681K	680	1 KHz	2	2.25	0.28	
PM105-821K	820	1 KHz	2	2.55	0.24	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.4

Pad Layout

Special Features

- Molded construction for high reliability and superior environmental protection
- High resistance to solder heat, moisture
- High current capacity
- Low DCR
- Ferrite core
- Operating temperature -55 to +125 °C
- Test frequency 1 KHz
- Tape & reel packaged 800/reel

Typical Applications

- EMI filtering
- Laptop computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

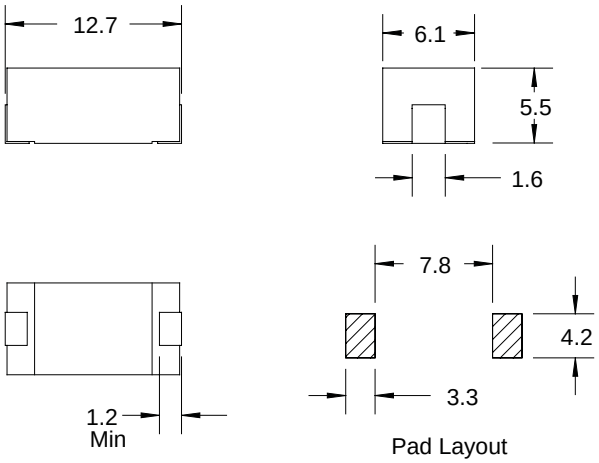
Notes

* Saturation current to cause approx. 5 % inductance drop

** Rated current to cause approx. 40 °C temperature rise

PM1355 Series				
Part Number	L (µH) ± 10 %	DCR (Ω) Max.	I sat. * (A)	I rated** (A)
PM1355-1R0K	1.0	0.015	7.4	5.10
PM1355-1R2K	1.2	0.017	6.4	4.80
PM1355-1R5K	1.5	0.020	6.0	4.42
PM1355-1R8K	1.8	0.023	5.6	4.12
PM1355-2R2K	2.2	0.029	5.2	3.67
PM1355-2R7K	2.7	0.030	4.6	3.61
PM1355-3R3K	3.3	0.035	4.0	3.34
PM1355-3R9K	3.9	0.038	3.8	3.20
PM1355-4R7K	4.7	0.043	3.6	3.00
PM1355-5R6K	5.6	0.046	3.2	2.91
PM1355-6R8K	6.8	0.053	2.8	2.71
PM1355-8R2K	8.2	0.058	2.7	2.59
PM1355-100K	10	0.071	2.4	2.34
PM1355-120K	12	0.079	2.2	2.22
PM1355-150K	15	0.089	2.0	2.09
PM1355-180K	18	0.109	1.8	1.89
PM1355-220K	22	0.150	1.6	1.61
PM1355-270K	27	0.170	1.5	1.51
PM1355-330K	33	0.222	1.4	1.33
PM1355-390K	39	0.250	1.2	1.25
PM1355-470K	47	0.330	1.1	1.09
PM1355-560K	56	0.370	1.0	1.03
PM1355-680K	68	0.418	0.96	0.996
PM1355-820K	82	0.468	0.90	0.913
PM1355-101K	100	0.620	0.80	0.793
PM1355-121K	120	0.684	0.70	0.755
PM1355-151K	150	0.900	0.62	0.658
PM1355-181K	180	1.04	0.56	0.612
PM1355-221K	220	1.16	0.52	0.580
PM1355-271K	270	1.63	0.45	0.489
PM1355-331K	330	1.82	0.41	0.463
PM1355-391K	390	2.05	0.39	0.436
PM1355-471K	470	2.7	0.36	0.380
PM1355-561K	560	2.8	0.33	0.373
PM1355-681K	680	4.1	0.29	0.308
PM1355-821K	820	4.7	0.26	0.288
PM1355-102K	1000	5.4	0.245	0.269
PM1355-122K	1200	8.3	0.22	0.218
PM1355-152K	1500	9.4	0.20	0.204
PM1355-182K	1800	11.0	0.19	0.188
PM1355-222K	2200	12.0	0.16	0.180
PM1355-272K	2700	16.0	0.15	0.156
PM1355-332K	3300	17.0	0.14	0.151
PM1355-392K	3900	21.0	0.13	0.136
PM1355-472K	4700	25.0	0.12	0.125
PM1355-562K	5600	30.0	0.11	0.114
PM1355-682K	6800	49.0	0.094	0.089
PM1355-822K	8200	55.0	0.088	0.084
PM1355-103K	10,000	62.0	0.080	0.079

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm

Special Features

- High energy storage capacity
- Low DCR
- Ferrite bobbin core
- Low profile, miniature size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Tape & reel packaged 750/reel

Typical Applications

- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

Notes

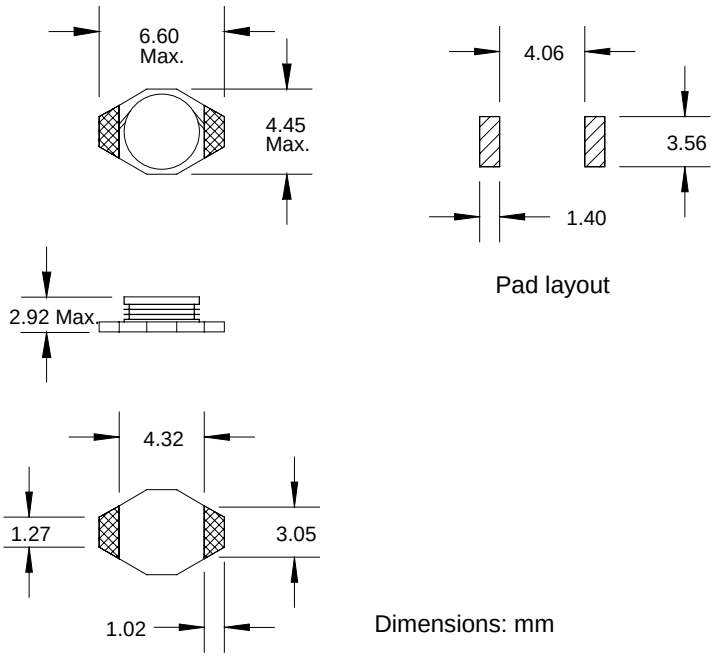
* Saturation current to cause 10 % inductance drop

** Rms current to cause 15 °C temperature rise

*** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM1608 Series					
Part Number	L (µH) ±20 %	DCR Ω Max.	I, sat* (A)	I, rms** (A)	Bourns Equivalent
PM1608-1R0M	1.0	0.05	2.90	2.90	
PM1608-1R5M	1.5	0.05	2.60	2.80	
PM1608-2R2M	2.2	0.07	2.30	2.40	
PM1608-3R3M	3.3	0.08	2.00	2.00	
PM1608-4R7M	4.7	0.09	1.50	1.50	
PM1608-6R8M	6.8	0.13	1.20	1.40	
PM1608-100M	10	0.16	1.10	1.10	
PM1608-150M	15	0.23	0.90	1.20	
PM1608-220M	22	0.37	0.70	0.80	
PM1608-330M	33	0.51	0.58	0.60	SDR6603***
PM1608-470M	47	0.64	0.50	0.50	
PM1608-680M	68	0.86	0.40	0.40	
PM1608-101M	100	1.27	0.31	0.30	
PM1608-151M	150	2.00	0.27	0.25	
PM1608-221M	220	2.65	0.22	0.20	
PM1608-331M	330	3.80	0.18	0.16	
PM1608-471M	470	5.06	0.16	0.15	
PM1608-681M	680	9.20	0.14	0.12	
PM1608-102M	1000	13.8	0.10	0.07	

For RoHS compliant version, add "-RC" to part number.



Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for excellent PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 3000/reel

Typical Applications

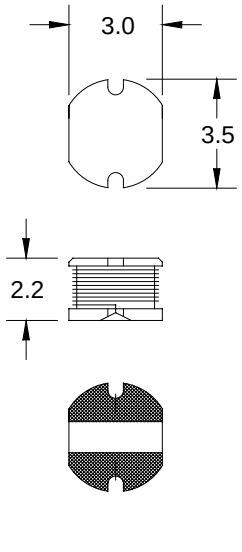
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronics devices

Notes

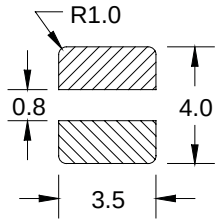
* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise

PM32 Series					
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PM32-1R0M	1.0	7.96MHz	0.040	1.50	SDR0302
PM32-1R4M	1.4	7.96MHz	0.050	1.50	
PM32-1R8M	1.8	7.96MHz	0.060	0.80	
PM32-2R2M	2.2	7.96MHz	0.080	0.75	
PM32-2R7M	2.7	7.96MHz	0.10	0.75	
PM32-3R3M	3.3	7.96MHz	0.15	0.60	
PM32-3R9M	3.9	7.96MHz	0.20	0.50	
PM32-4R7M	4.7	7.96MHz	0.20	0.50	
PM32-5R6M	5.6	7.96MHz	0.23	0.45	
PM32-6R8M	6.8	7.96MHz	0.25	0.40	
PM32-8R2M	8.2	7.96MHz	0.30	0.40	
PM32-100M	10	2.52MHz	0.35	0.35	
PM32-120M	12	2.52MHz	0.40	0.35	
PM32-150M	15	2.52MHz	0.50	0.30	
PM32-180M	18	2.52MHz	0.55	0.30	
PM32-220M	22	2.52MHz	0.60	0.30	
PM32-270M	27	2.52MHz	0.70	0.30	
PM32-330M	33	2.52MHz	1.00	0.25	
PM32-390M	39	2.52MHz	1.20	0.25	
PM32-470M	47	2.52MHz	1.50	0.20	
PM32-560M	56	2.52MHz	1.80	0.20	
PM32-680M	68	2.52MHz	2.00	0.18	
PM32-820M	82	2.52MHz	2.50	0.16	
PM32-101M	100	1 KHz	3.00	0.15	
PM32-121M	120	1 KHz	3.50	0.14	
PM32-151M	150	1 KHz	4.00	0.13	
PM32-181M	180	1 KHz	5.00	0.12	
PM32-221M	220	1 KHz	5.50	0.10	
PM32-271M	270	1 KHz	6.00	0.10	
PM32-331M	330	1 KHz	7.00	0.10	
PM32-391M	390	1 KHz	8.00	0.10	
PM32-471M	470	1 KHz	12.0	0.09	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.3



Pad Layout

Special Features

- High current capacity
- High reliability
- Low DCR
- Ferrite bobbin core
- Low profile, compact size
- High heat resistance, ideal for reflow soldering
- Test frequency 100 KHz
- Operating temperature -55 to +105 °C
- Tape & reel packaged 1000/reel

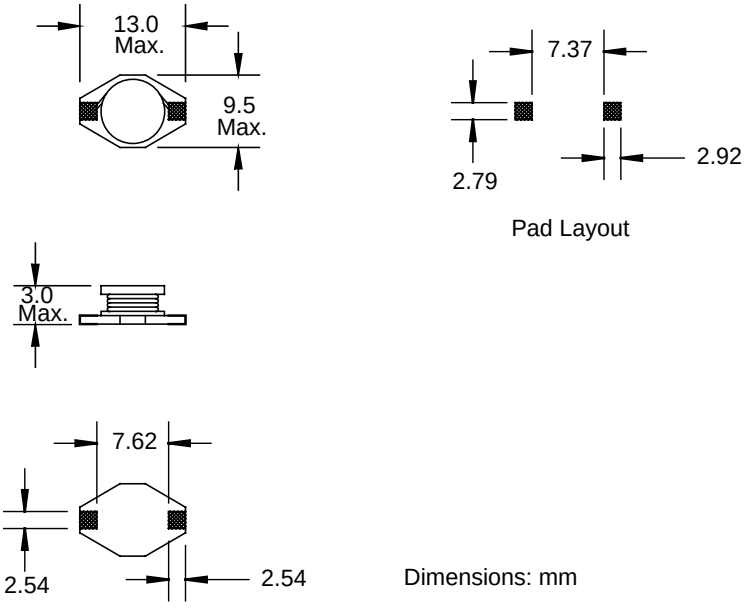
Notes

* Saturation DC current to cause 10 % max. inductance drop

** Rms current to cause 30 °C max. temperature rise

PM3308 Series				
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms ** (A)
PM3308-100M	10	0.11	2.4	2.0
PM3308-150M	15	0.15	2.0	1.5
PM3308-220M	22	0.23	1.6	1.3
PM3308-330M	33	0.30	1.4	1.1
PM3308-470M	47	0.39	1.0	0.8
PM3308-680M	68	0.66	0.9	0.7
PM3308-101M	100	0.84	0.7	0.6
PM3308-151M	150	1.2	0.6	0.5
PM3308-221M	220	1.9	0.5	0.4
PM3308-331M	330	2.7	0.4	0.3
PM3308-471M	470	4.0	0.3	0.2
PM3308-681M	680	5.3	0.2	0.1
PM3308-102M	1000	8.4	0.1	0.05

For RoHS compliant version, add "-RC" to part number.



Special Features

- High current capacity
- High reliability
- Low DCR
- Ferrite bobbin core
- Compact size
- High heat resistance, ideal for reflow soldering
- Test frequency 100 KHz
- Operating temperature -55 to +105 °C
- Tape & reel packaged 500/reel

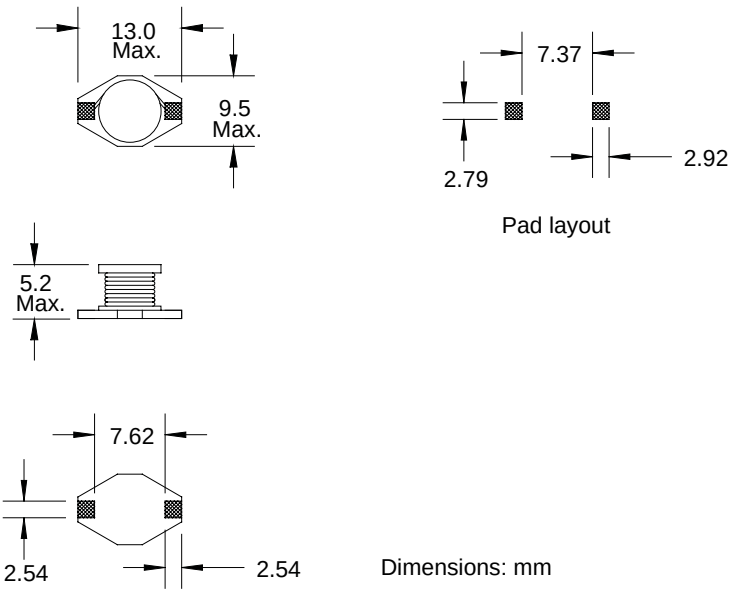
Notes

* Saturation DC current to cause 10 % max. inductance drop

** Rms current to cause 15 °C max. temperature rise

PM3316 Series					
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)	Bourns Equivalent
PM3316-1ROM-RC	1.0	0.009	9.0	6.8	
PM3316-1R5M-RC	1.5	0.010	8.0	6.4	
PM3316-2R2M-RC	2.2	0.012	7.0	6.1	
PM3316-3R3M-RC	3.3	0.015	6.4	5.4	
PM3316-4R7M-RC	4.7	0.018	5.4	4.8	
PM3316-6R8M-RC	6.8	0.027	4.6	4.4	
PM3316-100M-RC	10	0.038	3.8	3.9	
PM3316-150M-RC	15	0.046	3.0	3.1	
PM3316-220M-RC	22	0.085	2.6	2.7	
PM3316-330M-RC	33	0.10	2.0	2.1	SDR1005
PM3316-470M-RC	47	0.14	1.6	1.8	
PM3316-680M-RC	68	0.20	1.4	1.5	
PM3316-101M-RC	100	0.28	1.2	1.3	
PM3316-151M-RC	150	0.40	1.0	1.0	
PM3316-221M-RC	220	0.61	0.8	0.8	
PM3316-331M-RC	330	1.02	0.6	0.6	
PM3316-471M-RC	470	1.27	0.5	0.5	
PM3316-681M-RC	680	2.02	0.4	0.4	
PM3316-102M-RC	1000	3.00	0.3	0.3	

Only available as RoHS compliant.



Special Features

- Very high current capacity
- High reliability
- Low DCR
- Ferrite bobbin core
- Compact size
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Tape & reel packaged 500/reel

Typical Applications

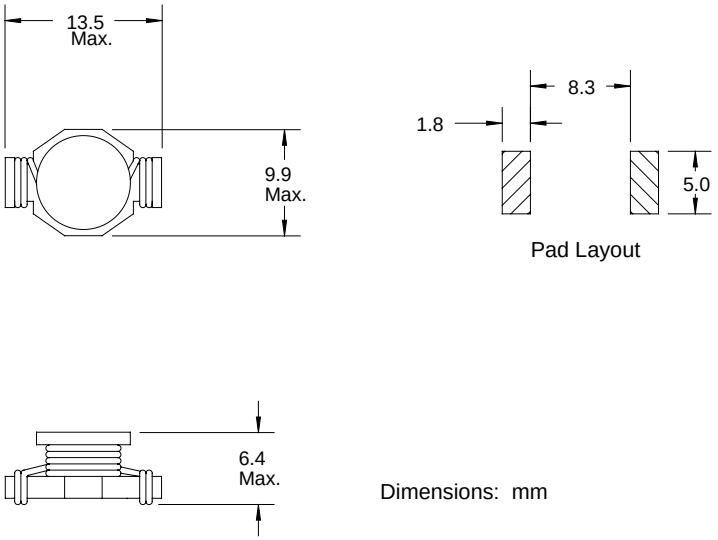
- High current, low voltage converters
- High-speed computers
- Video game machines
- Output chokes
- EMI filters

Notes

* Saturation current to cause 10 % inductance drop
** Rms current to cause 40 °C temperature rise

PM3316H Series				
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)
PM3316H-R33M	0.33	0.002	20	16
PM3316H-R68M	0.68	0.005	13	12
PM3316H-1R0M	1.0 0.	006	11	10
PM3316H-1R5M	1.5 0.	008	9	9
PM3316H-2R2M	2.2 0.	011	7.8	7.4
PM3316H-2R7M	2.7	0.012	7	6.6
PM3316H-3R3M	3.3	0.014	6.4	5.9
PM3316H-4R7M	4.7	0.018	5.4	4.8

For RoHS compliant version, add "-RC" to part number.



Special Features

- High current capacity
- High reliability
- Low DCR
- Ferrite bobbin core
- High heat resistance, ideal for reflow soldering
- Test frequency 100 KHz
- Operating temperature -55 to +105 ℃
- Tape & reel packaged 225/reel

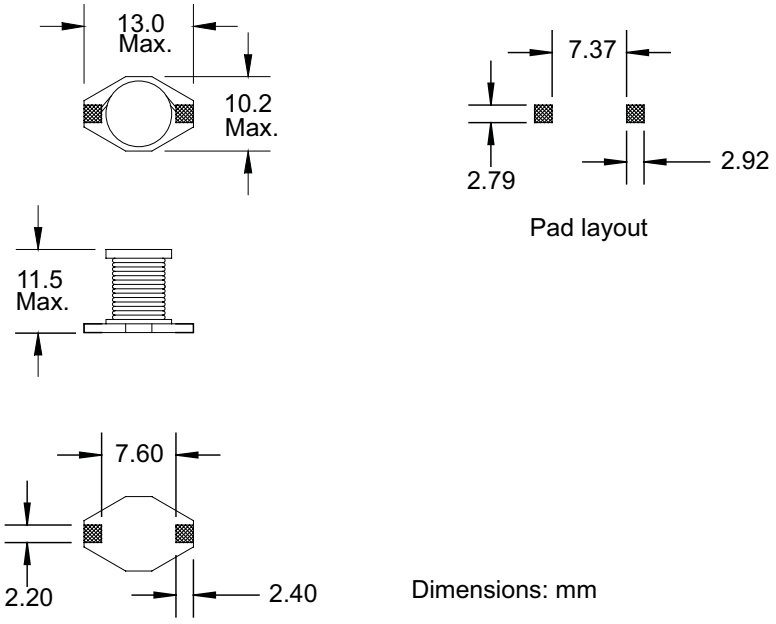
Notes

* Saturation DC current to cause 10 % max. inductance drop

** Rms current to cause 20 ℃ max. temperature rise

PM3340 Series				
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)
PM3340-100M	10	0.033	8.0	3.5
PM3340-150M	15	0.042	7.0	3.0
PM3340-220M	22	0.054	5.5	2.5
PM3340-330M	33	0.08	4.0	2.0
PM3340-470M	47	0.1	3.8	1.6
PM3340-680M	68	0.17	3.0	1.2
PM3340-101M	100	0.22	2.5	1.2
PM3340-151M	150	0.34	2.0	0.9
PM3340-221M	220	0.44	1.6	0.7
PM3340-331M	330	0.7	1.2	0.6
PM3340-471M	470	0.95	1.0	0.3
PM3340-681M	680	1.2	1.0	0.2
PM3340-102M	1000	2.0	0.8	0.1

For RoHS compliant version, add "-RC" to part number.



Special Features

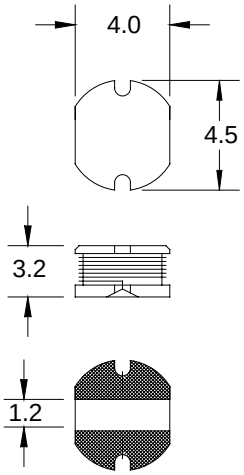
- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -40 to +100 °C
- Tape & reel packaged 1500/reel

Notes

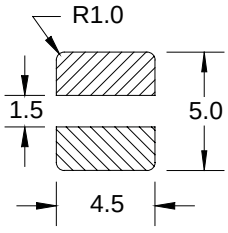
* Current to cause max. 10 % of inductance drop or 40 °C temperature rise

PM43 Series						
Part Number	L (µH) ±20 %	Test Freq. (MHz)	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)	Bourns Equivalent
PM43-1R0M	1.0	7.96	113	0.049	2.56	
PM43-1R4M	1.4	7.96	101	0.057	2.52	
PM43-1R8M	1.8	7.96	92	0.064	1.95	
PM43-2R2M	2.2	7.96	76	0.072	1.75	
PM43-2R7M	2.7	7.96	66	0.079	1.58	
PM43-3R3M	3.3	7.96	63	0.087	1.44	
PM43-3R9M	3.9	7.96	53	0.094	1.33	
PM43-4R7M	4.7	7.96	49	0.109	1.15	
PM43-5R6M	5.6	7.96	43	0.126	0.99	
PM43-6R8M	6.8	7.96	41	0.132	0.95	
PM43-8R2M	8.2	7.96	35	0.147	0.84	
PM43-100M	10	2.52	35	0.182	1.04	SDR0403
PM43-120M	12	2.52	32	0.210	0.97	
PM43-150M	15	2.52	29	0.235	0.85	
PM43-180M	18	2.52	27	0.338	0.74	
PM43-220M	22	2.52	24	0.378	0.68	
PM43-270M	27	2.52	21	0.522	0.62	
	±10 %					
PM43-330K	33	2.52	19	0.540	0.56	
PM43-390K	39	2.52	18	0.587	0.52	
PM43-470K	47	2.52	15	0.844	0.44	
PM43-560K	56	2.52	14	0.937	0.42	
PM43-680K	68	2.52	13	1.117	0.37	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.3



Pad Layout

Special Features

- Very high current capacity
- High reliability
- Low DCR
- Ferrite bobbin core
- Compact size
- High heat resistance, ideal for reflow soldering
- Test frequency 100 KHz
- Operating temperature -55 to +105 °C
- Tape & reel packaged 250/reel

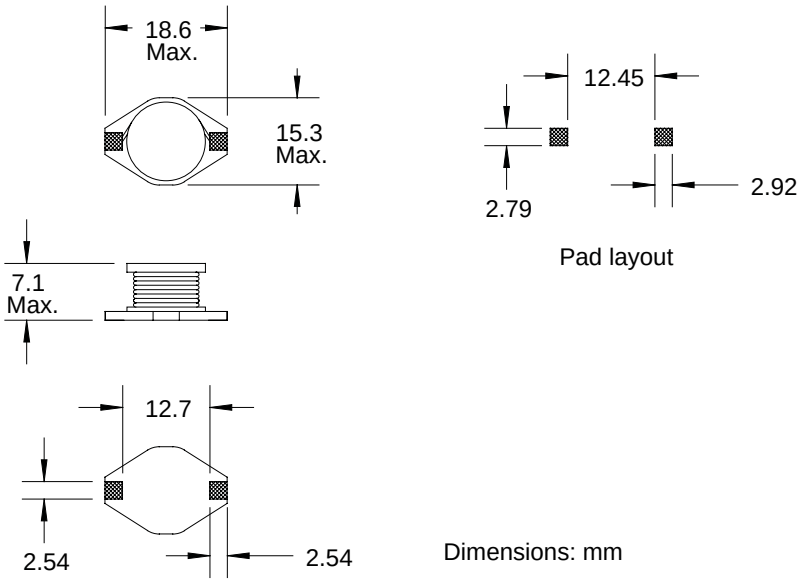
Notes

* Saturation DC current to cause 10 % max. inductance drop

** Rms current to cause 40 °C max. temperature rise

PM5022 Series					
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)	Bourns Equivalent
PM5022-1R0M	1.0	0.011	20	8.6	
PM5022-2R2M	2.2	0.014	16	7.1	
PM5022-3R3M	3.3	0.016	14	6.2	
PM5022-5R6M	5.6	0.022	12	5.3	
PM5022-100M	10	0.032	10	4.3	
PM5022-150M	15	0.036	8	4.0	
PM5022-220M	22	0.047	7	3.5	
PM5022-330M	33	0.066	5.5	3.0	
PM5022-470M	47	0.087	4.5	2.6	SDR1806
PM5022-680M	68	0.13	3.5	2.3	
PM5022-101M	100	0.19	3.0	1.8	
PM5022-151M	150	0.25	2.6	1.5	
PM5022-221M	220	0.38	2.4	1.2	
PM5022-331M	330	0.56	1.9	1.0	
PM5022-471M	470	0.85	1.4	0.82	
PM5022-681M	680	1.2	1.2	0.72	
PM5022-102M	1000	1.8	1.0	0.56	

For RoHS compliant version, add "-RC" to part number.



Special Features

- Very high current capacity
- High reliability
- Low DCR
- Ferrite bobbin core
- Compact size
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Saturation current to cause 10 % inductance drop
- Rms current to cause 40 °C temperature rise
- Tape & reel packaged 250/reel

Typical Applications

- High current, low voltage converters
- High-speed computers
- Video game machines
- Output chokes
- EMI filters

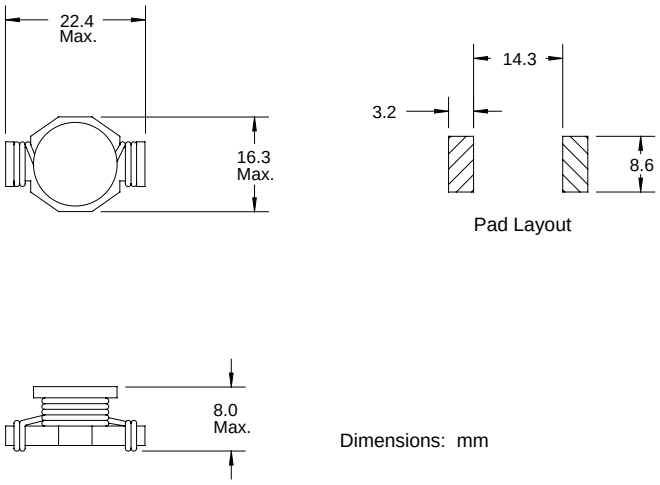
Notes

* Saturation current to cause 10 % inductance drop

** Rms current to cause 40 °C temperature rise

PM5022H Series					
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)	Bourns Equivalent
PM5022H-R78M	0.78	0.0026	30	15	SDR2207
PM5022H-1R5M	1.5	0.0040	25	15	
PM5022H-2R2M	2.2	0.0061	20	12	
PM5022H-3R3M	3.3	0.0086	17	10	
PM5022H-3R9M	3.9	0.010	15	9	
PM5022H-4R7M	4.7	0.014	13	8.4	
PM5022H-6R0M	6.0	0.017	12	7.5	
PM5022H-7R8M	7.8	0.018	11	7.5	
PM5022H-100M	10	0.026	10	6	
PM5022H-150M	15	0.032	8	4.4	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for excellent PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 2000/reel

Typical Applications

- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronics devices

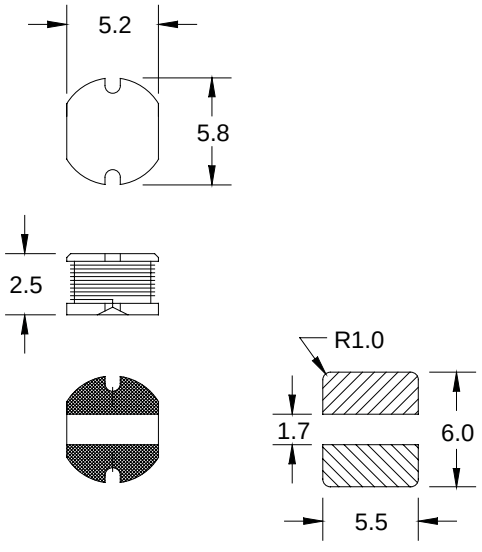
Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise

** Closest alternative - these models are available on requests as projects only. Please consult a Bourns application engineer for the solution that best suits your needs.

PM52 Series					
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
PM52-1R0M	1.0	7.96MHz	0.030	1.50	
PM52-1R4M	1.4	7.96MHz	0.040	1.50	
PM52-1R8M	1.8	7.96MHz	0.050	1.50	
PM52-2R2M	2.2	7.96MHz	0.060	1.50	
PM52-2R7M	2.7	7.96MHz	0.070	1.50	
PM52-3R3M	3.3	7.96MHz	0.080	1.50	
PM52-3R9M	3.9	7.96MHz	0.090	1.00	
PM52-4R7M	4.7	7.96MHz	0.10	1.00	
PM52-5R6M	5.6	7.96MHz	0.11	1.00	
PM52-6R8M	6.8	7.96MHz	0.14	0.70	
PM52-8R2M	8.2	7.96MHz	0.15	0.65	
PM52-100M	10	2.52MHz	0.30	0.60	
PM52-120M	12	2.52MHz	0.35	0.60	
PM52-150M	15	2.52MHz	0.40	0.55	
PM52-180M	18	2.52MHz	0.45	0.50	
PM52-220M	22	2.52MHz	0.50	0.50	
PM52-270M	27	2.52MHz	0.55	0.45	SDR0603**
PM52-330M	33	2.52MHz	0.60	0.40	
PM52-390M	39	2.52MHz	0.70	0.35	
PM52-470M	47	2.52MHz	0.80	0.30	
PM52-560M	56	2.52MHz	0.90	0.25	
PM52-680M	68	2.52MHz	1.20	0.25	
PM52-820M	82	2.52MHz	1.50	0.22	
PM52-101M	100	1 KHz	2.00	0.21	
PM52-121M	120	1 KHz	3.00	0.20	
PM52-151M	150	1 KHz	4.00	0.18	
PM52-181M	180	1 KHz	4.00	0.15	
PM52-221M	220	1 KHz	4.50	0.15	
PM52-271M	270	1 KHz	5.00	0.15	
PM52-331M	330	1 KHz	6.00	0.14	
PM52-391M	390	1 KHz	6.50	0.14	
PM52-471M	470	1 KHz	7.00	0.12	
PM52-561M	560	1 KHz	8.00	0.12	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.35

Pad Layout

Special Features

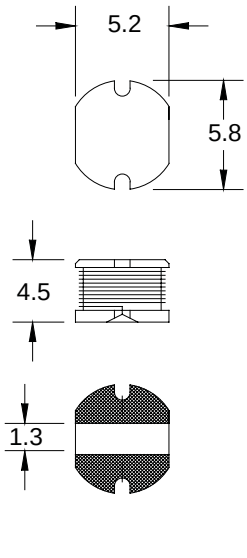
- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 1500/reel

Notes

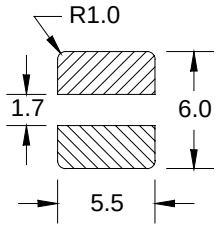
* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise

PM54 Series						
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)	Bourns Equivalent
PM54-100M	10	2.52 MHz	30	0.10	1.44	
PM54-120M	12	2.52 MHz	27	0.12	1.40	
PM54-150M	15	2.52 MHz	25	0.14	1.30	
PM54-180M	18	2.52 MHz	23	0.15	1.23	
PM54-220M	22	2.52 MHz	19	0.18	1.11	
PM54-270M	27	2.52 MHz	17	0.20	0.97	
	±15 %					
PM54-330L	33	2.52 MHz	16	0.23	0.88	
PM54-390L	39	2.52 MHz	15	0.32	0.80	
PM54-470L	47	2.52 MHz	13	0.37	0.72	SDR0604
	±10 %					
PM54-560K	56	2.52 MHz	12	0.42	0.68	
PM54-680K	68	2.52 MHz	11	0.46	0.61	
PM54-820K	82	2.52 MHz	10	0.60	0.58	
PM54-101K	100	1 KHz	9	0.70	0.52	
PM54-121K	120	1 KHz	8	0.93	0.48	
PM54-151K	150	1 KHz	8	1.10	0.40	
PM54-181K	180	1 KHz	6	1.38	0.38	
PM54-221K	220	1 KHz	5	1.57	0.35	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.35



Pad Layout

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for excellent PCB bonding
- Operating temperature -30 to +100 °C
- Tape & reel packaged 1000/reel

Typical Applications

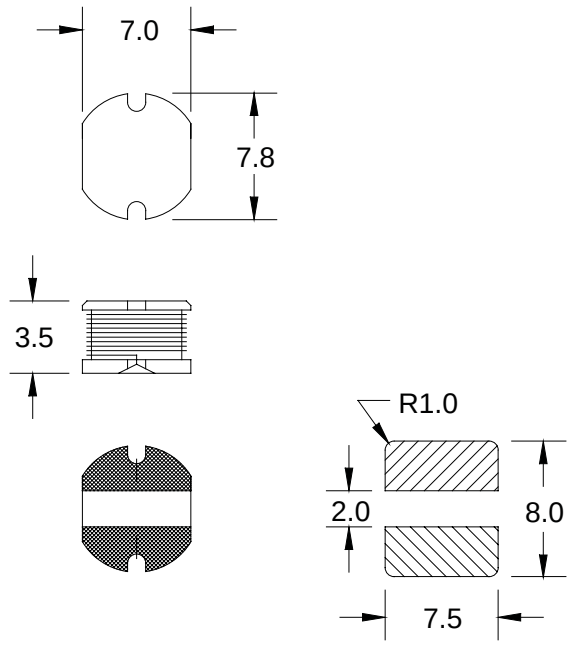
- Notebook computers
- Battery chargers
- DC/DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronics devices

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise

PM73 Series				
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (A)
PM73-100M	10	2.52MHz	0.081	1.44
PM73-120M	12	2.52MHz	0.090	1.39
PM73-150M	15	2.52MHz	0.104	1.24
PM73-180M	18	2.52MHz	0.111	1.12
PM73-220M	22	2.52MHz	0.129	1.07
PM73-270M	27	2.52MHz	0.153	0.94
PM73-330M	33	2.52MHz	0.170	0.85
PM73-390M	39	2.52MHz	0.217	0.74
PM73-470M	47	2.52MHz	0.252	0.68
	±10 %			
PM73-560K	56	2.52MHz	0.282	0.64
PM73-680K	68	2.52MHz	0.332	0.59
PM73-820K	82	2.52MHz	0.406	0.54
PM73-101K	100	1 KHz	0.481	0.51
PM73-121K	120	1 KHz	0.536	0.49
PM73-151K	150	1 KHz	0.755	0.40
PM73-181K	180	1 KHz	1.02	0.36
PM73-221K	220	1 KHz	1.20	0.31
PM73-271K	270	1 KHz	1.31	0.29
PM73-331K	330	1 KHz	1.50	0.28

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.5

Pad Layout

Special Features

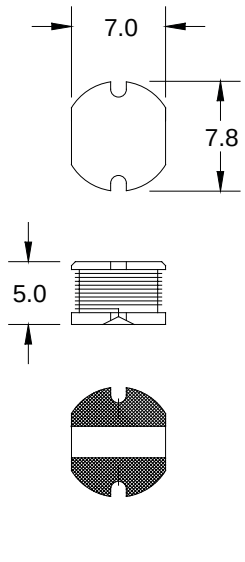
- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100 ℃
- Tape & reel packaged 500/reel

Notes

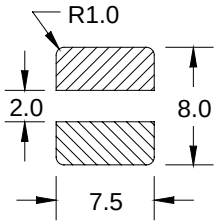
* Current to cause max. 10 % of inductance drop, or 40 ℃ temperature rise

PM75 Series						
Part Number	L (µH) ±10 %	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)	Bourns Equivalent
PM75-100K	10	2.52 MHz	28	0.07	2.30	
PM75-120K	12	2.52 MHz	23	0.08	2.00	
PM75-150K	15	2.52 MHz	22	0.09	1.80	
PM75-180K	18	2.52 MHz	20	0.10	1.60	
PM75-220K	22	2.52 MHz	17	0.11	1.50	
PM75-270K	27	2.52 MHz	15	0.12	1.30	
PM75-330K	33	2.52 MHz	15	0.13	1.20	
PM75-390K	39	2.52 MHz	14	0.16	1.10	
PM75-470K	47	2.52 MHz	13	0.18	1.10	
PM75-560K	56	2.52 MHz	11	0.24	0.94	
PM75-680K	68	2.52 MHz	11	0.28	0.85	SDR0805
PM75-820K	82	2.52 MHz	10	0.37	0.78	
PM75-101K	100	1 KHz	9	0.43	0.72	
PM75-121K	120	1 KHz	7	0.47	0.66	
PM75-151K	150	1 KHz	6	0.64	0.58	
PM75-181K	180	1 KHz	5	0.71	0.51	
PM75-221K	220	1 KHz	5	0.96	0.49	
PM75-271K	270	1 KHz	4	1.11	0.42	
PM75-331K	330	1 KHz	4	1.26	0.40	
PM75-391K	390	1 KHz	4	1.77	0.36	
PM75-471K	470	1 KHz	3	1.96	0.34	

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm
Tolerance: -/+0.5



Pad Layout

Special Features

- Low DCR
- Ferrite toroid core for low radiation
- Low loss
- High operating frequency
- Ultra-low profile and compact size
- Test frequency 100 KHz
- Operating temperature: -40 to +125 °C
- IC style tube packaged 66/tube

Typical Applications

- Small cellular phones
- PDAs
- Pagers
- Hand-held organizers
- GPS
- High frequency wireless communication devices
- Laptop computers
- Network cards
- Cable modems
- Entertainment electronic devices

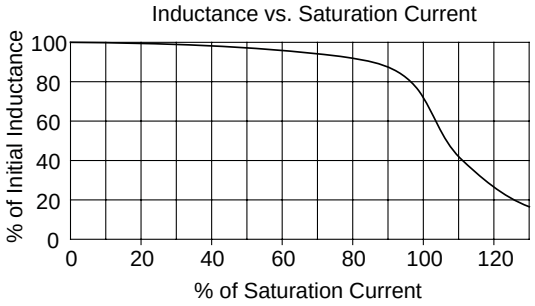
Notes

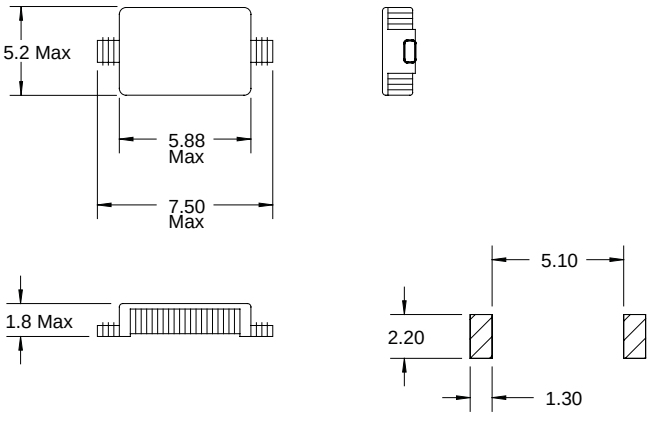
* Saturation current to cause approx. 30 % inductance drop

** Rms current to cause approx. 40 °C temperature rise

PM7518 Series				
Part Number	L (µH) ±20 %	DCR (Ω) Max.	I, sat.* (A)	I, rms** (A)
PM7518-1R0M	1.0	0.103	2.1	1.67
PM7518-2R2M	2.2	0.130	1.4	1.39
PM7518-4R7M	4.7	0.180	1.0	1.18
PM7518-100M	10	0.240	0.68	0.98
PM7518-150M	15	0.300	0.54	0.88
PM7518-220M	22	0.360	0.45	0.80
PM7518-330M	33	0.556	0.37	0.64
PM7518-470M	47	0.833	0.31	0.52

For RoHS compliant version, add "-RC" to part number.





Dimensions: mm

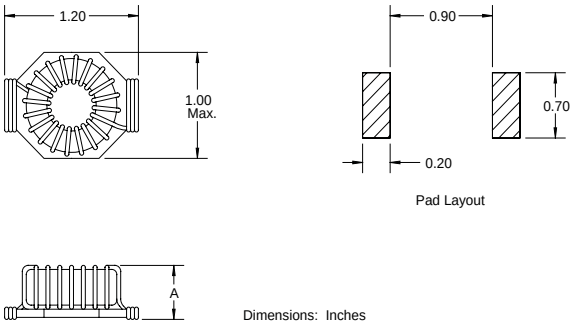
Pad Layout

Special Features

- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Ideal for reflow soldering
- Low cost
- Operating temperature -55 to +105 °C

Notes

* Current to cause 30 °C max. temperature rise



Dimensions: Inches

PM2110 Series					
Part Number	L (µH) @ 1 KHz ±20 %	Idc* (A)	L (µH) @ Rated I ±20 %	DCR (Ω) Max.	Dim. A Max.
PM2110-1R0M	1.0	22.7	0.8	0.002	0.57
PM2110-1R2M	1.2	20.3	1.0	0.002	0.57
PM2110-1R5M	1.5	20.3	1.2	0.002	0.57
PM2110-1R8M	1.8	18.5	1.4	0.003	0.57
PM2110-2R2M	2.2	17.2	1.7	0.003	0.57
PM2110-2R7M	2.7	16.0	2.0	0.004	0.57
PM2110-3R3M	3.3	16.0	2.5	0.004	0.57
PM2110-3R9M	3.9	15.1	2.8	0.004	0.57
PM2110-4R7M	4.7	14.4	3.4	0.004	0.57
PM2110-5R6M	5.6	13.7	3.9	0.005	0.57
PM2110-6R8M	6.8	13.1	4.6	0.005	0.57
PM2110-8R2M	8.2	12.6	5.5	0.006	0.57
	±10 %		±10 %		
PM2110-100K	10	11.7	6.5	0.007	0.57
PM2110-120K	12	11.3	7.6	0.007	0.57
PM2110-150K	15	10.7	9.2	0.008	0.57
PM2110-180K	18	10.2	10.7	0.009	0.57
PM2110-220K	22	9.7	12.7	0.010	0.57
PM2110-270K	27	8.2	16.0	0.014	0.54
PM2110-330K	33	7.0	20.1	0.019	0.52
PM2110-390K	39	6.8	23.2	0.020	0.62
PM2110-470K	47	6.5	27.2	0.022	0.62
PM2110-560K	56	6.2	31.6	0.024	0.62
PM2110-680K	68	5.9	37.1	0.027	0.62
PM2110-820K	82	5.6	43.4	0.029	0.62
PM2110-101K	100	5.4	51.4	0.032	0.62
PM2110-121K	120	5.1	59.6	0.035	0.62
PM2110-151K	150	4.3	77.3	0.049	0.59
PM2110-181K	180	3.7	96.3	0.066	0.53
PM2110-221K	220	3.5	113.8	0.074	0.60
PM2110-271K	270	3.4	134.9	0.082	0.60
PM2110-331K	330	3.2	159.5	0.090	0.60
PM2110-391K	390	3.1	182.9	0.098	0.60
PM2110-471K	470	2.6	230.4	0.133	0.57
PM2110-561K	560	2.5	266.0	0.146	0.57
PM2110-681K	680	2.1	337.1	0.202	0.54
PM2110-821K	820	2.0	394.1	0.221	0.60
PM2110-102K	1000	1.9	463.7	0.244	0.60

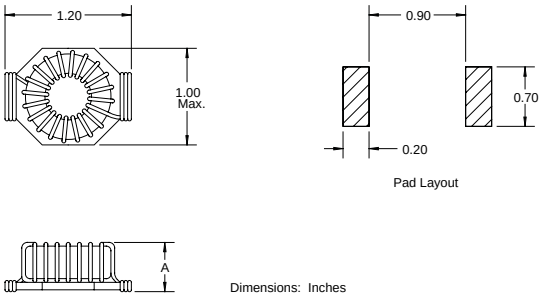
For RoHS compliant version, add "-RC" to part number.

Special Features

- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Ideal for reflow soldering
- Low cost
- Operating temperature -55 to +105 °C

Notes

* Current to cause 30 °C max. temperature rise



PM2120 Series					
Part Number	L (µH) @ 1 KHz ±20 %	Idc* (A)	L (µH) @ Rated I ±20 %	DCR (Ω) Max.	Dim. A Max.
PM2120-1R0M	1.0	25.4	0.9	0.002	0.82
PM2120-1R2M	1.2	25.4	1.1	0.002	0.82
PM2120-1R5M	1.5	22.0	1.3	0.003	0.82
PM2120-1R8M	1.8	22.0	1.5	0.003	0.82
PM2120-2R2M	2.2	19.7	1.8	0.003	0.82
PM2120-2R7M	2.7	19.7	2.2	0.003	0.82
PM2120-3R3M	3.3	18.0	2.6	0.004	0.82
PM2120-3R9M	3.9	18.0	3.1	0.004	0.82
PM2120-4R7M	4.7	16.6	3.7	0.005	0.82
PM2120-5R6M	5.6	15.6	4.2	0.005	0.82
PM2120-6R8M	6.8	14.7	5.0	0.006	0.82
PM2120-8R2M	8.2	14.7	6.1	0.006	0.82
	±10 %		±10 %		
PM2120-100K	10	13.9	7.2	0.007	0.82
PM2120-120K	12	12.7	8.3	0.008	0.82
PM2120-150K	15	12.2	10.2	0.009	0.82
PM2120-180K	18	11.8	12.0	0.009	0.82
PM2120-220K	22	11.0	14.2	0.011	0.82
PM2120-270K	27	10.4	16.9	0.012	0.82
PM2120-330K	33	10.1	20.3	0.013	0.82
PM2120-390K	39	9.6	23.3	0.014	0.82
PM2120-470K	47	8.2	29.2	0.019	0.79
PM2120-560K	56	7.9	33.9	0.021	0.79
PM2120-680K	68	6.7	42.2	0.029	0.77
PM2120-820K	82	6.4	49.5	0.032	0.87
PM2120-101K	100	6.1	58.7	0.035	0.87
PM2120-121K	120	5.8	68.1	0.039	0.87
PM2120-151K	150	5.5	82.5	0.043	0.87
PM2120-181K	180	5.3	96.2	0.047	0.83
PM2120-221K	220	5.0	113.7	0.052	0.83
PM2120-271K	270	4.2	144.5	0.072	0.80
PM2120-331K	330	3.6	183.4	0.100	0.78
PM2120-391K	390	3.5	211.6	0.108	0.78
PM2120-471K	470	3.3	247.1	0.119	0.85
PM2120-561K	560	3.2	285.8	0.130	0.85
PM2120-681K	680	3.0	336.3	0.142	0.85
PM2120-821K	820	2.9	392.5	0.157	0.85
PM2120-102K	1000	2.5	499.7	0.215	0.82

For RoHS compliant version, add "-RC" to part number.

Special Features

- Power rating: 6 watts
- Operating frequency: 60 KHz ±25 %
- Operating ambient temperature: 0 to +75 °C
- Storage temperature: -40 to +105 °C
- Dielectric withstanding voltage: 1500 Vrms
- Packaged: Bulk

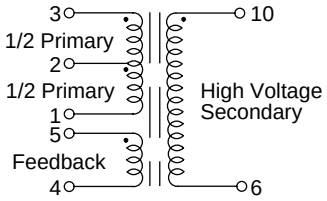
Typical Applications

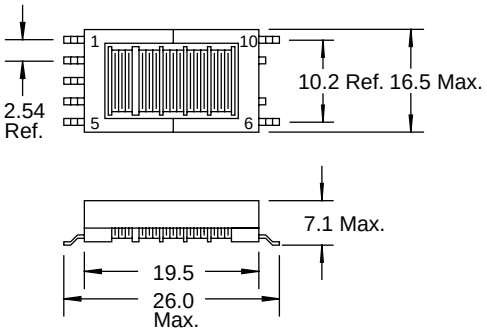
- LCD flat panel displays
- Notebook / palmtop computers
- Portable instruments
- Retail terminals

Consult engineering for inverter circuit related inductors selection.

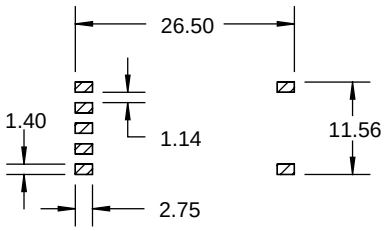
PM61300 Series							
	Primary			Secondary			
Part Number	L (µH) ±10 % @ 10 KHz	DCR Ω Max.	Voltage (V)	DCR Ω Max.	Voltage (V)	I,rms (mA)	Turns Ratio
PM61300-1	44	0.61	25	132	1300	70	50
PM61300-2	44	0.82	20	175	1300	70	67
PM61300-3	27	1.10	15	175	1300	70	86
PM61300-4	20	1.88	13	175	1300	70	100
PM61300-5	20	2.34	10.5	290	1300	70	125

For RoHS compliant version, add "-RC" to part number.





Dimensions: mm



Pad Layout

Special Features

- Six windings offer many inductor or transformer configurations
- High magnetic coupling
- Non-gapped and gapped core construction
- Low core loss at high frequency applications
- Low noise radiation
- Compact size and low profile
- Dielectric strength: 500 Vrms between windings
- Operating temperature: -40 to +105 ºC
- Tape & Reel packaging:
  PM600, 600/reel
  PM610, 300/reel
  PM620, 200/reel

Typical Applications

- Inductors: buck, boost, buck-boost, coupled, input, output, choke, filter, resonant, high-Q, EMI/RFI filtering, differential, forward, common mode
- Transformers: flyback, forward, push-pull, bridge, multiple outputs, inverter, step-up, step-down, gate drive, base drive, signal, wide band, pulse, impedance, isolation, converter

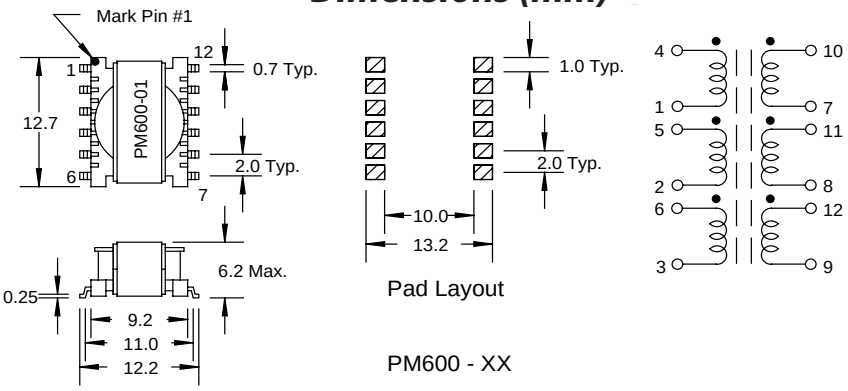
Notes

* Saturation current is rated to each winding that causes inductance to drop 30 % from its initial value.
** Rms current is rated to each winding that causes 40 °C temperature rise.
PM600-01, -02, PM610-01, -02 and PM620-01, -02 are non-gap core.

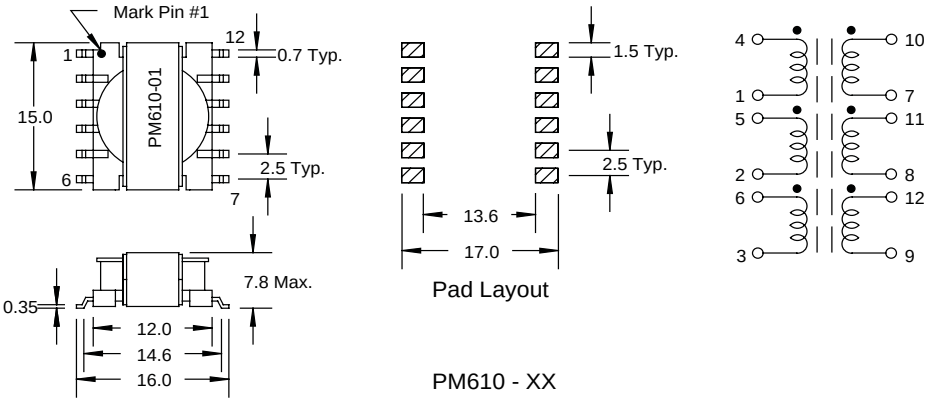
PM600/PM610/PM620 Series				
Part Number	L (µH) @ 100 KHz	DCR (Ω) Max.	Isat* (A)	Irms** (A)
PM600-01	201.6 ±30 %	0.324	0.02	0.46
PM600-02	89.6 ±30 %	0.137	0.03	0.71
PM600-03	27.4 ±10 %	0.324	0.31	0.46
PM600-04	12.2 ±10 %	0.137	0.47	0.71
PM600-05	14.7 ±10 %	0.324	0.58	0.46
PM600-06	6.5 ±10 %	0.137	0.87	0.71
PM600-07	10.9 ±10 %	0.324	0.88	0.46
PM600-08	4.9 ±10 %	0.137	1.32	0.71
PM600-09	8.5 ±10 %	0.324	1.23	0.46
PM600-10	3.8 ±10 %	0.137	1.85	0.71
PM610-01	160.0 ±30 %	0.202	0.04	0.68
PM610-02	78.4 ±30 %	0.094	0.06	1.00
PM610-03	21.6 ±10 %	0.202	0.67	0.68
PM610-04	10.6 ±10 %	0.094	0.96	1.00
PM610-05	11.6 ±10 %	0.202	1.30	0.68
PM610-06	5.7 ±10 %	0.094	1.86	1.00
PM610-07	8.3 ±10 %	0.202	2.00	0.68
PM610-08	4.1 ±10 %	0.094	2.86	1.00
PM610-09	6.6 ±10 %	0.202	2.30	0.68
PM610-10	3.2 ±10 %	0.094	3.29	1.00
PM620-01	160.6 ±30 %	0.094	0.03	1.28
PM620-02	77.0 ±30 %	0.065	0.04	1.54
PM620-03	131.8 ±20 %	0.094	0.08	1.28
PM620-04	63.2 ±20 %	0.065	0.12	1.54
PM620-05	23.3 ±10 %	0.094	0.36	1.28
PM620-06	11.2 ±10 %	0.065	0.52	1.54
PM620-07	14.2 ±10 %	0.094	0.76	1.28
PM620-08	6.8 ±10 %	0.065	1.10	1.54
PM620-09	9.3 ±10 %	0.094	1.11	1.28
PM620-10	4.5 ±10 %	0.065	1.60	1.54
PM620-11	7.9 ±10 %	0.094	1.40	1.28
PM620-12	3.8 ±10 %	0.065	2.02	1.54

For RoHS compliant version, add "-RC" to part number.

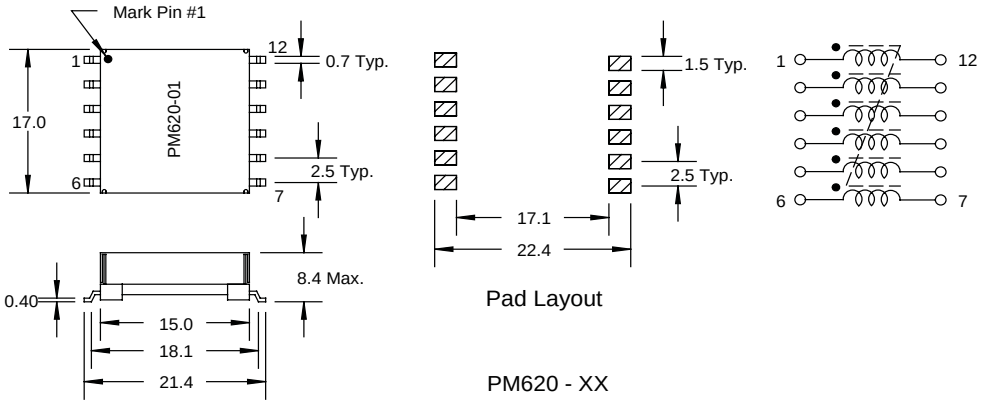
Dimensions (mm)



PM600 - XX



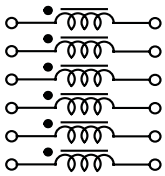
PM610 - XX



PM620 - XX

Typical Configurations

Inductor:



Basic Diagram
Inductance: L
Current: I

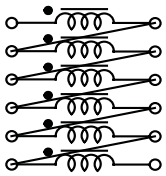


Figure 1
Inductance: 36 x L
Current: I

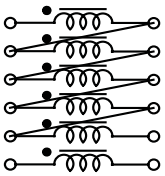


Figure 2
Inductance: 25 x L
Current: I

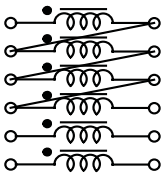


Figure 3
Inductance: 16 x L
Current: I

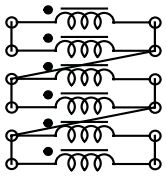


Figure 4
Inductance: 9 x L
Current: 2 x I

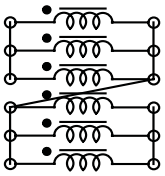


Figure 5
Inductance: 4 x L
Current: 3 x I

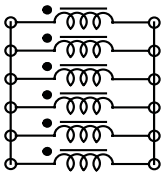
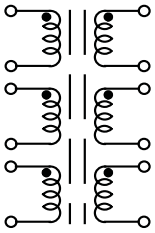


Figure 6
Inductance: L
Current: 6 x I

Transformer:



Basic Diagram
Turns ratio:
1:1:1:1:1:1

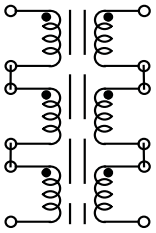


Figure 1
Turns ratio:
1:1

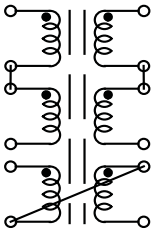


Figure 2
Turns ratio:
1:1:1

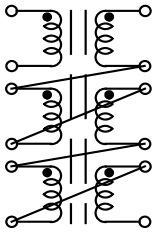


Figure 3
Turns ratio:
1:5 or 5:1

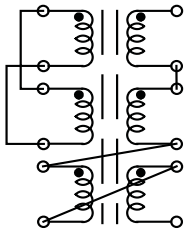


Figure 4
Turns ratio:
1:4 or 4:1

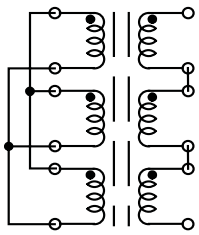


Figure 5
Turns ratio:
1:3 or 3:1

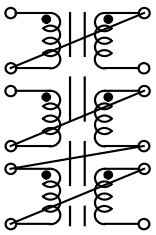


Figure 6
Turns ratio:
1:2 or 2:1

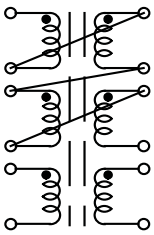


Figure 7
Turns ratio:
4:1:1

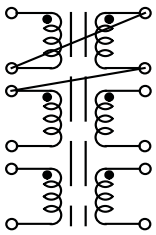


Figure 8
Turns ratio:
3:1:1:1

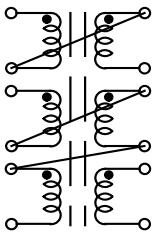


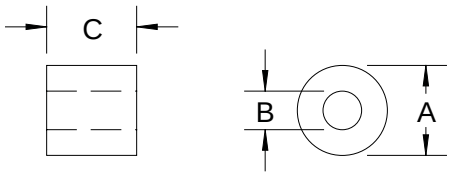
Figure 9
Turns ratio:
2:3 or 3:2

Special Features

- Excellent EMI suppression capability at high frequency
- Very low cost
- Higher impedance can be achieved with 2 or more beads in series
- Wider frequency range can be achieved with 2 beads of different material grade in series

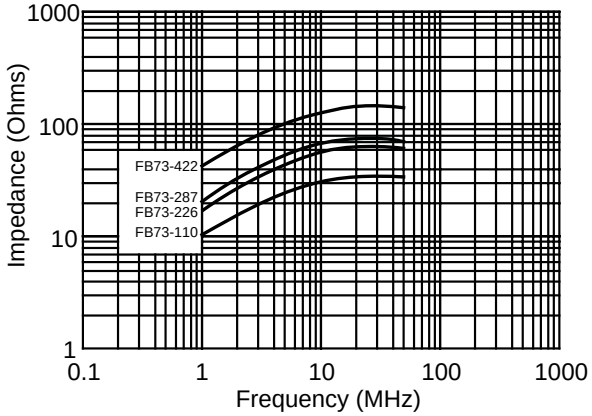
FB Series					
Part Number	Material	Suggest Freq. Range (MHz)	Dim. A (min/max)	Dim. B (min/max)	Dim. C (min/max)
FB73-085	73	Up to 40	0.052/0.056	0.027/0.031	0.085/0.095
FB43-226	43	40 - 200	0.123/0.153	0.040/0.060	0.221/0.251
FB73-226	73	Up to 40	0.125/0.155	0.040/0.060	0.221/0.251
FB43-110	43	40 - 200	0.125/0.155	0.040/0.060	0.113/0.143
FB64-110	64	200 and up	0.125/0.155	0.040/0.060	0.113/0.143
FB73-110	73	Up to 40	0.123/0.153	0.040/0.060	0.113/0.143
FB43-422	43	40 - 200	0.185/0.215	0.050/0.070	0.412/0.462
FB73-422	73	Up to 40	0.185/0.215	0.050/0.070	0.412/0.462
FB43-287	43	40 - 200	0.281/0.311	0.084/0.104	0.282/0.312
FB73-287	73	Up to 40	0.281/0.311	0.084/0.104	0.282/0.312

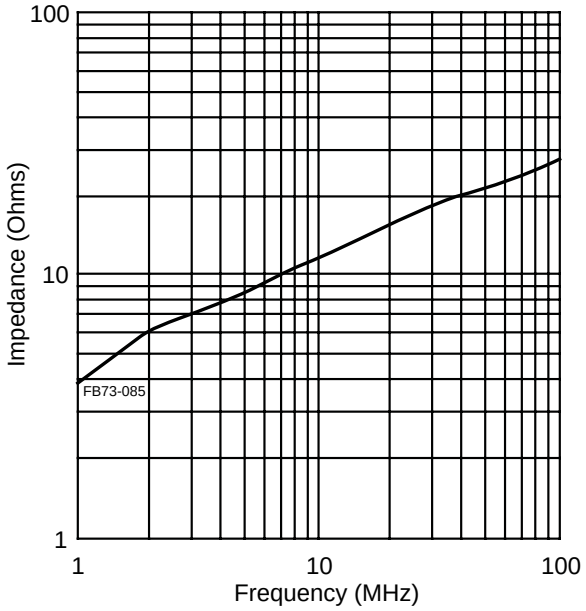
For RoHS compliant version, add "-RC" to part number.

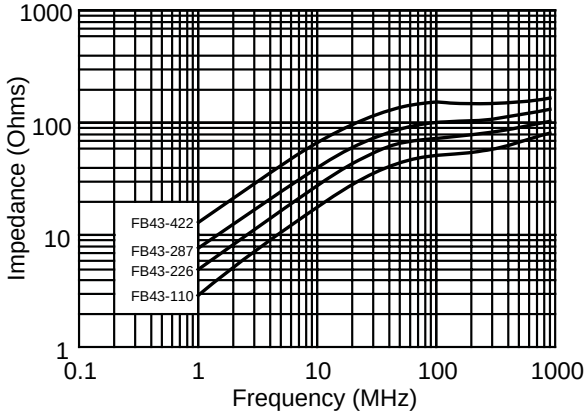


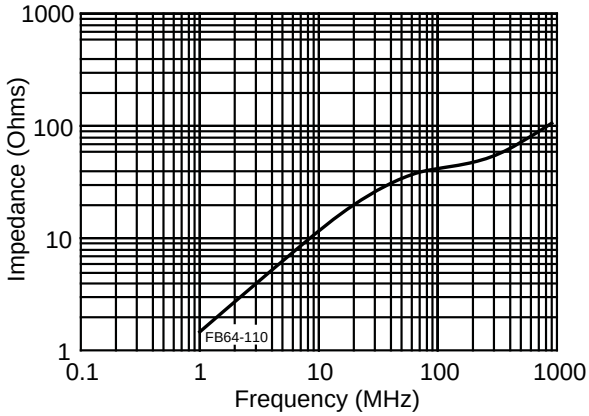
Dimensions: Inches

Impedance vs. Frequency - Ferrite Beads







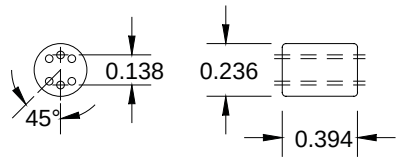


Special Features

- High impedance
- Excellent EMI suppression capability at wide frequency range
- Low cost
- Differential & common mode configuration

FB2000 Series				
Part Number	No. of turns	Z (Ω) ±25 % @ 10MHz	Z (Ω) ±25 % @ 100MHz	Fig.
FB20009-3B	1 1/2	225	400	A
FB20019-4B	1 1/2	175	500	A
FB20010-3B	2 1/2	460	785	B
FB20020-4B	2 1/2	30	410	B
FB20011-3B	2 x 1 1/2	215	415	C
FB20021-4B	2 x 1 1/2	175	485	C
FB20022-4B	3	430	900	D

For RoHS compliant version, add "-RC" to part number.



Core Dimension

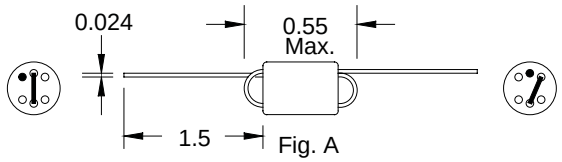


Fig. A

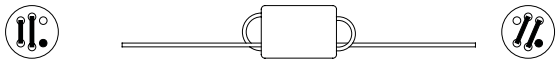


Fig. B

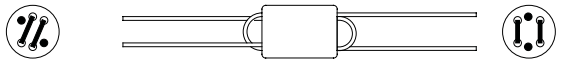


Fig. C

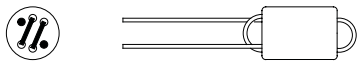


Fig. D

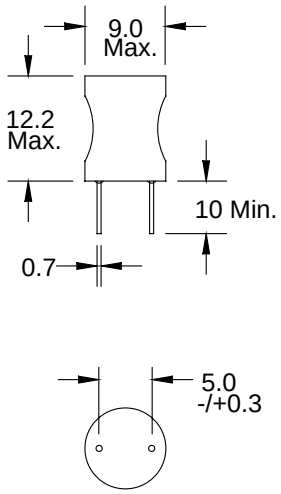
Dimensions: Inches

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Winding covered with shrink tubing
- Fixed lead spacing
- Operating temperature -55 to +105 °C

Notes

* Current to cause 5 % max. inductance drop



Dimensions: mm

6000 Series						
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (A)
6000-1R0M	1.0	20	7.96	150	0.013	10
6000-1R5M	1.5	20	7.96	130	0.016	8.5
6000-2R2M	2.2	20	7.96	100	0.021	6.5
6000-3R3M	3.3	20	7.96	79	0.025	5.5
6000-4R7M	4.7	20	7.96	51	0.030	4.6
6000-6R8M	6.8	20	7.96	29	0.035	4.1
	±10 %					
6000-100K	10	50	2.52	14	0.045	3.4
6000-120K	12	50	2.52	13	0.050	3.1
6000-150K	15	50	2.52	12	0.056	2.9
6000-180K	18	40	2.52	11	0.061	2.66
6000-220K	22	40	2.52	9.2	0.070	2.4
6000-270K	27	40	2.52	8.5	0.080	2.22
6000-330K	33	30	2.52	7.8	0.090	2.05
6000-390K	39	30	2.52	6.9	0.10	1.85
6000-470K	47	30	2.52	6.5	0.16	1.77
6000-560K	56	30	2.52	5.4	0.18	1.48
6000-680K	68	30	2.52	4.9	0.21	1.36
6000-820K	82	30	2.52	4.1	0.23	1.3
6000-101K	100	20	0.796	3.7	0.28	1.4
6000-121K	120	20	0.796	3.4	0.32	1.25
6000-151K	150	20	0.796	3.2	0.37	1.15
6000-181K	180	20	0.796	2.8	0.58	1.08
6000-221K	220	20	0.796	2.7	0.65	1.0
6000-271K	270	20	0.796	2.4	0.75	0.90
6000-331K	330	20	0.796	2.3	0.85	0.78
6000-391K	390	20	0.796	2.1	1.0	0.74
6000-471K	470	20	0.796	1.9	1.1	0.68
6000-561K	560	20	0.796	1.8	1.4	0.64
6000-681K	680	20	0.796	1.6	1.6	0.59
6000-821K	820	20	0.796	1.5	1.8	0.56
6000-102K	1000	20	0.252	1.3	2.9	0.51
6000-122K	1200	15	0.252	1.2	3.4	0.48
6000-152K	1500	15	0.252	1.1	3.8	0.43
6000-182K	1800	15	0.252	1.0	5.3	0.39
6000-222K	2200	15	0.252	0.8	5.9	0.36
6000-272K	2700	15	0.252	0.7	8.2	0.32
6000-332K	3300	15	0.252	0.6	9.1	0.29
6000-392K	3900	15	0.252	0.55	9.9	0.27
6000-472K	4700	15	0.252	0.5	13.6	0.24
6000-562K	5600	15	0.252	0.45	14.9	0.22
6000-682K	6800	15	0.252	0.4	20.7	0.20
6000-822K	8200	15	0.252	0.35	22.7	0.18
6000-103K	10,000	15	0.079	0.32	25.1	0.17
6000-123K	12,000	15	0.079	0.28	34.7	0.15
6000-153K	15,000	15	0.079	0.25	48.9	0.14
6000-183K	18,000	15	0.079	0.23	53.6	0.12
6000-223K	22,000	15	0.079	0.21	59.3	0.11
6000-273K	27,000	15	0.079	0.19	82.7	0.10
6000-333K	33,000	15	0.079	0.17	91.5	0.09
6000-393K	39,000	15	0.079	0.15	125.5	0.08
6000-473K	47,000	15	0.079	0.12	137.8	0.08

For RoHS compliant version, add "-RC" to part number.

Special Features

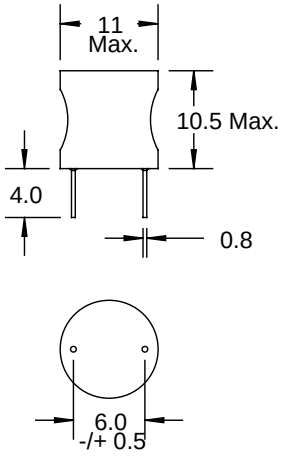
- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -40 to +105 °C

Typical Applications

- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Note

* Rated current to cause 5 % max. inductance drop



Dimensions: mm

6100 Series				
Part Number	L (µH) ±10 % @100 KHz	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)
6100-100K-RC	10	21.0	0.020	6.33
6100-120K-RC	12	18.3	0.022	5.75
6100-150K-RC	15	15.5	0.024	5.28
6100-180K-RC	18	13.8	0.027	4.80
6100-220K-RC	22	12.0	0.039	4.52
6100-270K-RC	27	11.3	0.047	3.75
6100-330K-RC	33	10.5	0.059	3.39
6100-390K-RC	39	9.4	0.079	3.08
6100-470K-RC	47	8.3	0.084	2.79
6100-560K-RC	56	7.6	0.089	2.57
6100-680K-RC	68	6.8	0.11	2.38
6100-820K-RC	82	6.3	0.15	2.18
6100-101K-RC	100	5.8	0.16	1.98
6100-121K-RC	120	5.0	0.23	1.80
6100-151K-RC	150	4.2	0.24	1.61
6100-181K-RC	180	3.9	0.31	1.45
6100-221K-RC	220	3.5	0.35	1.32
6100-271K-RC	270	3.2	0.52	1.18
6100-331K-RC	330	2.9	0.60	1.10
6100-391K-RC	390	2.8	0.64	1.00
6100-471K-RC	470	2.6	0.77	0.90
6100-561K-RC	560	2.3	0.87	0.83
6100-681K-RC	680	2.0	1.09	0.76
6100-821K-RC	820	1.8	1.44	0.69
6100-102K-RC	1000	1.6	1.55	0.62
6100-122K-RC	1200	1.4	2.20	0.57
6100-152K-RC	1500	1.3	2.50	0.51
6100-182K-RC	1800	1.2	3.65	0.47
6100-222K-RC	2200	1.1	4.26	0.42
6100-272K-RC	2700	1.0	5.41	0.38
6100-332K-RC	3300	1.0	5.63	0.35
6100-392K-RC	3900	0.9	6.62	0.32
6100-472K-RC	4700	0.8	8.23	0.29
6100-562K-RC	5600	0.7	9.45	0.27
6100-682K-RC	6800	0.6	13.2	0.24
6100-822K-RC	8200	0.5	16.0	0.22
6100-103K-RC	10,000	0.5	19.3	0.20
6100-123K-RC	12,000	0.4	23.2	0.19
6100-153K-RC	15,000	0.3	30.4	0.17
6100-183K-RC	18,000	0.3	34.1	0.16

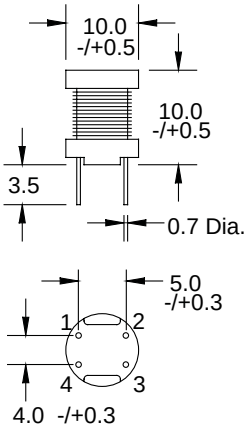
Only available as RoHS compliant.

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Fixed lead spacing
- Operating temperature -30 to +100 °C

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise



Connection:
10 - 33uH, Pin (1,4) & (2,3)
39 - 1000uH, Pin 2 & 4

Dimensions: mm

RL110 Series					
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (A)
RL110-100M	10	2.52 MHz	14	0.022	5300
RL110-120M	12	2.52 MHz	11	0.023	4900
RL110-150M	15	2.52 MHz	7.7	0.026	4400
RL110-180M	18	2.52 MHz	7.1	0.033	4000
RL110-220M	22	2.52 MHz	6.8	0.037	3600
RL110-270M	27	2.52 MHz	6.1	0.048	3300
	±10 %				
RL110-330K	33	2.52 MHz	6.0	0.055	2900
RL110-390K	39	2.52 MHz	8.6	0.073	2700
RL110-470K	47	2.52 MHz	8.1	0.083	2500
RL110-560K	56	2.52 MHz	7.6	0.092	2300
RL110-680K	68	2.52 MHz	6.3	0.12	2100
RL110-820K	82	2.52 MHz	6.0	0.14	1900
RL110-101K	100	1 KHz	5.7	0.16	1700
RL110-121K	120	1 KHz	4.8	0.20	1500
RL110-151K	150	1 KHz	4.2	0.23	1400
RL110-181K	180	1 KHz	3.9	0.31	1300
RL110-221K	220	1 KHz	3.8	0.34	1100
RL110-271K	270	1 KHz	3.4	0.40	1000
RL110-331K	330	1 KHz	2.8	0.52	930
RL110-391K	390	1 KHz	2.7	0.65	860
RL110-471K	470	1 KHz	2.5	0.71	780
RL110-561K	560	1 KHz	2.2	1.0	710
RL110-681K	680	1 KHz	2.1	1.1	650
RL110-821K	820	1 KHz	2.0	1.3	590
RL110-102K	1000	1 KHz	1.7	1.7	530

For RoHS compliant version, add "-RC" to part number.

Shielded, Radial Lead RF Chokes

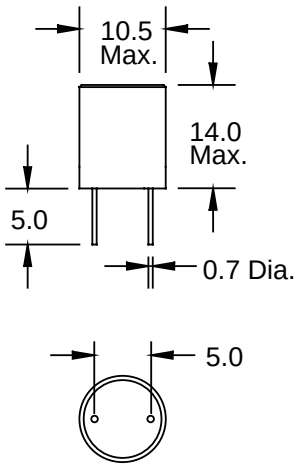
Special Features
- Ferrite shield for low radiation
- High Q
- High reliability, high efficiency
- Fixed lead spacing
- Operating temperature -55 to +105 °C

Typical Applications
- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Notes
* Rated current to cause 10 % max. inductance drop

RL181S Series						
Part Number	L (µH) ±5 % @ 1 KHz	Q (Min.) @ 50 KHz	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
RL181S-102J-RC	1000	70	0.77	3.4	90	
RL181S-122J-RC	1200	70	0.70	3.7	75	
RL181S-152J-RC	1500	70	0.64	4.0	70	
RL181S-182J-RC	1800	70	0.57	4.5	65	
RL181S-222J-RC	2200	70	0.51	5.2	60	
RL181S-272J-RC	2700	70	0.48	5.8	55	
RL181S-332J-RC	3300	100	0.44	6.1	50	
RL181S-392J-RC	3900	100	0.41	7.2	45	
RL181S-472J-RC	4700	100	0.38	7.5	40	
RL181S-562J-RC	5600	100	0.35	8.4	40	
RL181S-682J-RC	6800	100	0.32	9.7	35	
RL181S-822J-RC	8200	100	0.28	10.4	30	
RL181S-103J-RC	10,000	100	0.25	12.1	25	
RL181S-123J-RC	12,000	100	0.22	13.0	25	FSR1013
RL181S-153J-RC	15,000	100	0.22	15.0	22	
RL181S-183J-RC	18,000	100	0.19	17.0	21	
RL181S-223J-RC	22,000	100	0.19	19.5	20	
RL181S-273J-RC	27,000	100	0.16	22.0	18	
RL181S-333J-RC	33,000	100	0.16	26.0	17	
RL181S-363J-RC	36,000	100	0.14	27.0	16	
RL181S-393J-RC	39,000	100	0.12	45.0	15	
RL181S-473J-RC	47,000	100	0.12	52.0	13	
RL181S-563J-RC	56,000	100	0.12	58.0	12	
RL181S-683J-RC	68,000	100	0.09	67.0	11	
RL181S-823J-RC	82,000	100	0.09	71.0	10	
RL181S-104J-RC	100,000	100	0.09	82.0	9	
RL181S-124J-RC	120,000	100	0.09	97	8	

Only available as RoHS compliant.



Dimensions: mm

Special Features

- High Q
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -55 to +105 °C

Typical Applications

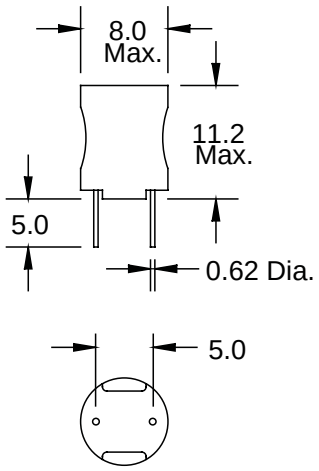
- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Notes

* Rated current to cause 10 % max. inductance drop

RL187 Series							
Part Number	L (µH) ±5 %	Q (Min.)	Test Freq. (KHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)	Bourns Equivalent
RL187-101J-RC	100	80	796	5.3	2.0	200	
RL187-121J-RC	120	80	796	4.5	2.0	200	
RL187-151J-RC	150	80	796	3.8	2.0	200	
RL187-181J-RC	180	80	796	3.3	3.0	200	
RL187-221J-RC	220	80	796	2.9	3.0	200	
RL187-271J-RC	270	80	796	2.6	3.0	200	
RL187-331J-RC	330	80	796	2.3	4.0	200	
RL187-391J-RC	390	80	796	2.1	4.0	200	
RL187-471J-RC	470	80	796	1.9	4.0	200	
RL187-561J-RC	560	80	796	1.7	4.0	200	
RL187-681J-RC	680	80	796	1.6	4.0	200	
RL187-821J-RC	820	80	796	1.4	6.0	200	
RL187-102J-RC	1000	90	252	1.3	6.0	150	
RL187-122J-RC	1200	90	252	1.2	9.0	150	
RL187-152J-RC	1500	90	252	1.1	9.0	150	
RL187-182J-RC	1800	90	252	1.0	9.0	100	RLB1014
RL187-222J-RC	2200	90	252	0.9	13	100	
RL187-272J-RC	2700	90	252	0.8	13	100	
RL187-332J-RC	3300	90	252	0.7	13	100	
RL187-392J-RC	3900	90	252	0.6	13	50	
RL187-472J-RC	4700	90	252	0.6	18	50	
RL187-562J-RC	5600	90	252	0.5	18	50	
RL187-682J-RC	6800	90	252	0.5	26	50	
RL187-822J-RC	8200	90	252	0.4	26	50	
RL187-103J-RC	10000	100	79.6	0.4	40	40	
RL187-123J-RC	12000	100	79.6	0.4	40	40	
RL187-153J-RC	15000	100	79.6	0.4	60	40	
RL187-183J-RC	18000	100	79.6	0.3	60	30	
RL187-223J-RC	22000	100	79.6	0.3	80	30	
RL187-273J-RC	27000	100	79.6	0.3	80	30	
RL187-333J-RC	33000	100	79.6	0.3	80	30	

Only available as RoHS compliant.



Dimensions: mm

Special Features

- High Q
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -55 to +105 °C

Typical Applications

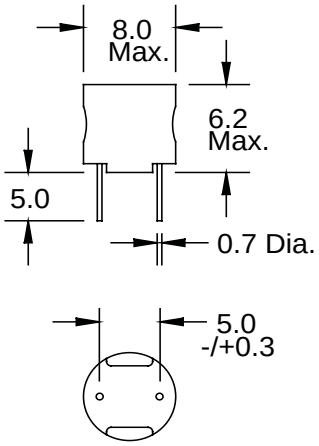
- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Note

* Rated current to cause 10 % max. inductance

RL262 Series						
Part Number	L (µH) ±5 %	Q (Min.)	Test Freq. (KHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (mA)
RL262-101J-RC	100	60	796	6.1	2.0	200
RL262-121J-RC	120	60	796	5.5	3.0	200
RL262-151J-RC	150	60	796	5.0	3.0	200
RL262-181J-RC	180	60	796	4.7	3.0	200
RL262-221J-RC	220	60	796	4.5	3.0	150
RL262-271J-RC	270	60	796	4.1	3.0	150
RL262-331J-RC	330	60	796	3.8	4.0	150
RL262-391J-RC	390	60	796	3.5	4.0	100
RL262-471J-RC	470	60	796	3.2	5.0	100
RL262-561J-RC	560	60	796	2.9	6.0	100
RL262-681J-RC	680	60	796	2.7	6.0	100
RL262-821J-RC	820	60	796	2.3	7.0	50
RL262-102J-RC	1000	80	252	2.1	9.0	50
RL262-122J-RC	1200	80	252	1.9	9.0	50
RL262-152J-RC	1500	80	252	1.8	11.0	50
RL262-182J-RC	1800	80	252	1.6	12.0	50
RL262-222J-RC	2200	80	252	1.5	14.0	50
RL262-272J-RC	2700	80	252	1.4	15.0	50
RL262-332J-RC	3300	80	252	0.9	25.0	40
RL262-392J-RC	3900	80	252	0.9	30.0	40
RL262-472J-RC	4700	80	252	0.8	32.0	40
RL262-562J-RC	5600	80	252	0.7	36.0	30
RL262-682J-RC	6800	80	252	0.7	40.0	30
RL262-822J-RC	8200	80	252	0.6	45.0	30
RL262-103J-RC	10000	60	79.6	0.6	55.0	20
RL262-123J-RC	12000	60	79.6	0.5	65.0	20
RL262-153J-RC	15000	60	79.6	0.5	80.0	20

Only available as RoHS compliant.



Dimensions: mm

Special Features

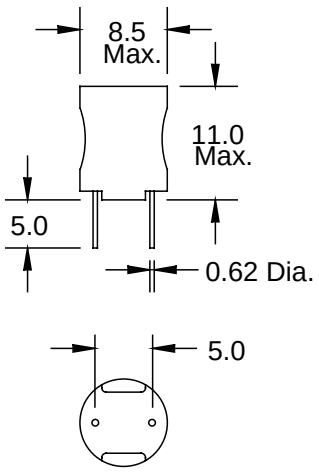
- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -55 to +105 °C

Typical Applications

- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Note

* Rated current to cause 10 % max. inductance drop



Dimensions: mm

RL622							
Part Number	L (µH) ±10 %	Q (Min.)	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (A)	Bourns Equivalent
RL622-1R0K-RC	1.0	20	7.96	150	0.013	10	
RL622-1R5K-RC	1.5	20	7.96	130	0.016	8.5	
RL622-2R2K-RC	2.2	20	7.96	100	0.021	6.5	
RL622-3R3K-RC	3.3	20	7.96	79	0.025	5.5	
RL622-4R7K-RC	4.7	20	7.96	51	0.030	4.3	
RL622-6R8K-RC	6.8	20	7.96	29	0.035	3.7	
RL622-100K-RC	10	50	2.52	14	0.045	3.0	
RL622-120K-RC	12	50	2.52	13	0.050	2.7	
RL622-150K-RC	15	40	2.52	12	0.056	2.3	
RL622-180K-RC	18	40	2.52	11	0.061	2.2	
RL622-220K-RC	22	40	2.52	9.2	0.070	2.0	
RL622-270K-RC	27	30	2.52	8.5	0.080	1.7	
RL622-330K-RC	33	30	2.52	7.8	0.090	1.6	
RL622-390K-RC	39	30	2.52	6.9	0.10	1.5	
RL622-470K-RC	47	30	2.52	6.5	0.16	1.4	
RL622-560K-RC	58	30	2.52	5.4	0.18	1.3	
RL622-680K-RC	68	30	2.52	4.9	0.21	1.2	
RL622-820K-RC	82	30	2.52	4.1	0.23	1.1	
RL622-101K-RC	100	20	0.796	3.7	0.28	0.91	
RL622-121K-RC	120	20	0.796	3.4	0.32	0.84	
RL622-151K-RC	150	20	0.796	3.2	0.37	0.75	
RL622-181K-RC	180	20	0.796	2.8	0.58	0.69	
RL622-221K-RC	220	20	0.796	2.7	0.65	0.64	
RL622-271K-RC	270	20	0.796	2.4	0.75	0.57	
RL622-331K-RC	330	20	0.796	2.3	0.85	0.54	
RL622-391K-RC	390	20	0.796	2.1	1.0	0.48	
RL622-471K-RC	470	20	0.796	1.9	1.1	0.46	
RL622-561K-RC	560	20	0.796	1.8	1.4	0.41	RLB1014
RL622-681K-RC	680	20	0.796	1.6	1.6	0.38	
RL622-821K-RC	820	20	0.796	1.5	1.8	0.35	
RL622-102K-RC	1000	50	0.252	1.3	2.9	0.29	
RL622-122K-RC	1200	50	0.252	1.1	4.0	0.13	
RL622-152K-RC	1500	20	0.252	1.0	6.1	0.08	
RL622-182K-RC	1800	20	0.252	1.0	6.4	0.08	
RL622-222K-RC	2200	20	0.252	0.9	6.8	0.08	
RL622-272K-RC	2700	20	0.252	0.9	7.7	0.08	
RL622-332K-RC	3300	20	0.252	0.7	9.0	0.08	
RL622-392K-RC	3900	20	0.252	0.6	14.0	0.08	
RL622-472K-RC	4700	20	0.252	0.5	16.0	0.05	
RL622-562K-RC	5600	20	0.252	0.4	18.0	0.05	
RL622-682K-RC	6800	20	0.252	0.4	19.0	0.05	
RL622-822K-RC	8200	20	0.252	0.3	21.0	0.05	
RL622-103K-RC	10,000	40	0.079	0.3	25.0	0.05	
RL622-123K-RC	12,000	40	0.079	0.3	33.0	0.04	
RL622-153K-RC	15,000	40	0.079	0.2	37.0	0.04	
RL622-183K-RC	18,000	30	0.079	0.2	40.0	0.04	
RL622-223K-RC	22,000	30	0.079	0.1	56.0	0.03	
RL622-273K-RC	27,000	30	0.079	0.1	62.0	0.03	
RL622-333K-RC	33,000	30	0.079	0.1	70.0	0.03	
RL622-393K-RC	39,000	30	0.079	0.1	80.0	0.03	
RL622-473K-RC	47,000	20	0.079	0.1	99.0	0.03	
RL622-563K-RC	56,000	20	0.079	0.1	135.0	0.02	
RL622-683K-RC	68,000	20	0.079	0.1	150.0	0.02	
RL622-823K-RC	82,000	20	0.079	0.1	212.0	0.02	
RL622-104K-RC	100,000	20	0.025	0.1	235.0	0.02	

Only available as RoHS compliant.

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -55 to +105 °C

Typical Applications

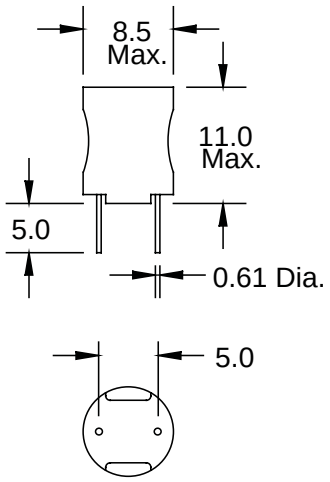
- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Notes

* Rated current to cause 10 % max. inductance drop

RL822 Series				
Part Number	L (µH) ±10 % @1 KHz	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (A)
RL822-1R0K-RC	1.0	150	0.013	3.71
RL822-1R5K-RC	1.5	130	0.016	3.32
RL822-2R2K-RC	2.2	100	0.021	3.15
RL822-3R3K-RC	3.3	79	0.025	2.66
RL822-4R7K-RC	4.7	51	0.030	2.27
RL822-6R8K-RC	6.8	29	0.035	2.10
RL822-100K-RC	10	14	0.045	1.96
RL822-120K-RC	12	13	0.050	1.82
RL822-150K-RC	15	12	0.058	1.75
RL822-180K-RC	18	11	0.061	1.54
RL822-220K-RC	22	9.2	0.070	1.29
RL822-270K-RC	27	8.5	0.080	1.22
RL822-330K-RC	33	7.8	0.090	1.17
RL822-390K-RC	39	6.9	0.10	1.14
RL822-470K-RC	47	6.5	0.17	0.79
RL822-560K-RC	56	5.4	0.20	0.76
RL822-680K-RC	68	4.9	0.22	0.70
RL822-820K-RC	82	4.1	0.25	0.67
RL822-101K-RC	100	3.7	0.28	0.58
RL822-121K-RC	120	3.4	0.32	0.56
RL822-151K-RC	150	3.2	0.54	0.42
RL822-181K-RC	180	2.8	0.60	0.40
RL822-221K-RC	220	2.7	0.68	0.38
RL822-271K-RC	270	2.4	0.80	0.35
RL822-331K-RC	330	2.3	0.90	0.33
RL822-391K-RC	390	2.1	1.20	0.28
RL822-471K-RC	470	1.9	1.37	0.25
RL822-561K-RC	560	1.8	1.53	0.23
RL822-681K-RC	680	1.6	2.00	0.21
RL822-821K-RC	820	1.5	2.70	0.18
RL822-102K-RC	1000	1.3	2.96	0.16

Only available as RoHS compliant.



Dimensions: mm

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability, high efficiency
- Fixed lead spacing
- Winding covered with shrink tubing
- Operating temperature -55 to +105 °C

Typical Applications

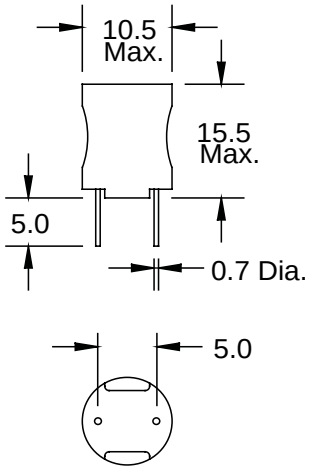
- Switch mode power supplies
- DC/DC converters
- Desktop, notebook computers, servers
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- Output chokes
- EMI filters

Notes

* Rated current to cause 10 % max. inductance drop

RL824 Series				
Part Number	L (µH) ±10 % @1 KHz	SRF (MHz) Min.	DCR (Ω) Max.	I, DC* (A)
RL824-100K-RC	10	44	0.052	2.20
RL824-120K-RC	12	33	0.059	2.00
RL824-150K-RC	15	25	0.065	1.93
RL824-180K-RC	18	18	0.071	1.77
RL824-220K-RC	22	12	0.076	1.72
RL824-270K-RC	27	8.3	0.082	1.56
RL824-330K-RC	33	5.9	0.086	1.49
RL824-390K-RC	39	4.9	0.095	1.40
RL824-470K-RC	47	4.1	0.11	1.29
RL824-560K-RC	56	4.0	0.12	1.25
RL824-680K-RC	68	3.9	0.13	1.24
RL824-820K-RC	82	3.6	0.14	1.04
RL824-101K-RC	100	2.8	0.18	1.02
RL824-121K-RC	120	2.6	0.19	0.94
RL824-151K-RC	150	2.2	0.22	0.92
RL824-181K-RC	180	2.1	0.25	0.85
RL824-221K-RC	220	1.9	0.28	0.82
RL824-271K-RC	270	1.6	0.48	0.60
RL824-331K-RC	330	1.5	0.50	0.56
RL824-391K-RC	390	1.4	0.56	0.52
RL824-471K-RC	470	1.3	0.62	0.48
RL824-561K-RC	560	1.2	0.69	0.45
RL824-681K-RC	680	1.1	0.79	0.44
RL824-821K-RC	820	1.0	0.86	0.40
RL824-102K-RC	1000	0.87	1.60	0.31
RL824-122K-RC	1200	0.83	1.80	0.28
RL824-152K-RC	1500	0.77	2.10	0.27
RL824-182K-RC	1800	0.71	2.30	0.24
RL824-222K-RC	2200	0.66	2.80	0.24
RL824-272K-RC	2700	0.61	3.35	0.19
RL824-332K-RC	3300	0.52	4.00	0.18
RL824-392K-RC	3900	0.48	4.50	0.18

Only available as RoHS compliant.



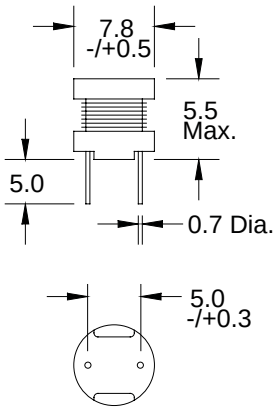
Dimensions: mm

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Small packaged size
- Fixed lead spacing
- Operating temperature -30 to +100 ℃

Notes

* Current to cause max. 10 % of inductance drop, or 40 ℃ temperature rise



Dimensions: mm

RL855 Series				
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (mA)
RL855-100M	10	2.52 MHz	0.07	2500
RL855-120M	12	2.52 MHz	0.08	2400
RL855-150M	15	2.52 MHz	0.09	2100
RL855-180M	18	2.52 MHz	0.10	2000
	±10 %			
RL855-220K	22	2.52 MHz	0.12	1700
RL855-270K	27	2.52 MHz	0.14	1600
RL855-330K	33	2.52 MHz	0.17	1400
RL855-390K	39	2.52 MHz	0.21	1300
RL855-470K	47	2.52 MHz	0.24	1200
RL855-560K	56	2.52 MHz	0.31	1100
RL855-680K	68	2.52 MHz	0.34	1000
RL855-820K	82	2.52 MHz	0.40	930
RL855-101K	100	1 KHz	0.52	810
RL855-121K	120	1 KHz	0.59	760
RL855-151K	150	1 KHz	0.71	670
RL855-181K	180	1 KHz	0.89	620
RL855-221K	220	1 KHz	1.04	540
RL855-271K	270	1 KHz	1.28	490
RL855-331K	330	1 KHz	1.47	440
RL855-391K	390	1 KHz	1.67	410
RL855-471K	470	1 KHz	1.95	380
RL855-561K	560	1 KHz	2.83	350
RL855-681K	680	1 KHz	3.25	320
RL855-821K	820	1 KHz	3.82	310
RL855-102K	1000	1 KHz	5.28	250
RL855-122K	1200	1 KHz	6.03	230
RL855-152K	1500	1 KHz	7.15	210
RL855-182K	1800	1 KHz	8.26	200
RL855-222K	2200	1 KHz	11.1	180
RL855-272K	2700	1 KHz	13.1	160
RL855-332K	3300	1 KHz	15.9	140
RL855-392K	3900	1 KHz	18.0	130
RL855-472K	4700	1 KHz	23.9	120
RL855-562K	5600	1 KHz	26.8	110
RL855-682K	6800	1 KHz	31.7	98
RL855-822K	8200	1 KHz	46.5	88
RL855-103K	10,000	1 KHz	55.7	81

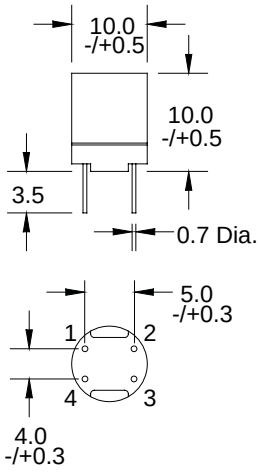
For RoHS compliant version, add "-RC" to part number.

Special Features

- Magnetic shielded for low radiation
- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Small packaged size
- Fixed lead spacing
- Operating temperature -30 to +100 °C

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise



Connection on Pin 2 & 4

Dimensions: mm

RL110S Series					
Part Number	L (µH) ±20 %	Test Freq.	SRF (MHz) Typ.	DCR Ω Max.	I, DC* (mA)
RL110S-100M	10	2.52 MHz	32	0.023	3900
RL110S-120M	12	2.52 MHz	26	0.024	3600
RL110S-150M	15	2.52 MHz	23	0.036	3200
RL110S-180M	18	2.52 MHz	20	0.039	2900
RL110S-220M	22	2.52 MHz	14	0.042	2600
RL110S-270M	27	2.52 MHz	12	0.045	2400
	±15 %				
RL110S-330L	33	2.52 MHz	10	0.057	2100
RL110S-390L	39	2.52 MHz	8.5	0.076	2000
RL110S-470L	47	2.52 MHz	8.0	0.10	1800
RL110S-560L	56	2.52 MHz	7.5	0.11	1600
RL110S-680L	68	2.52 MHz	6.0	0.15	1500
RL110S-820L	82	2.52 MHz	4.7	0.16	1400
RL110S-101L	100	1 KHz	4.4	0.19	1200
RL110S-121L	120	1 KHz	4.2	0.21	1100
RL110S-151L	150	1 KHz	3.6	0.23	1000
RL110S-181L	180	1 KHz	3.3	0.26	920
RL110S-221L	220	1 KHz	3.1	0.29	830
RL110S-271L	270	1 KHz	2.9	0.36	750
RL110S-331L	330	1 KHz	2.7	0.51	680
RL110S-391L	390	1 KHz	2.4	0.69	620
RL110S-471L	470	1 KHz	2.2	0.98	570
RL110S-561L	560	1 KHz	2.0	1.1	520
RL110S-681L	680	1 KHz	1.8	1.2	470
RL110S-821L	820	1 KHz	1.6	1.3	430
RL110S-102L	1000	1 KHz	1.5	1.5	390

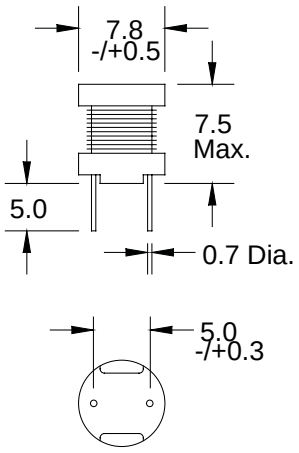
For RoHS compliant version, add "-RC" to part number.

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Small packaged size
- Fixed lead spacing
- Operating temperature -30 to +100 ℃

Notes

* Current to cause max. 10 % of inductance drop, or 40 ℃ temperature rise



Dimensions: mm

RL875 Series				
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (mA)
RL875-100M	10	2.52 MHz	0.05	2900
RL875-120M	12	2.52 MHz	0.06	2500
	±10 %			
RL875-150K	15	2.52 MHz	0.07	2200
RL875-180K	18	2.52 MHz	0.08	1900
RL875-220K	22	2.52 MHz	0.09	1800
RL875-270K	27	2.52 MHz	0.11	1700
RL875-330K	33	2.52 MHz	0.13	1500
RL875-390K	39	2.52 MHz	0.14	1300
RL875-470K	47	2.52 MHz	0.15	1300
RL875-560K	56	2.52 MHz	0.18	1200
RL875-680K	68	2.52 MHz	0.20	1100
RL875-820K	82	2.52 MHz	0.24	1000
RL875-101K	100	1 KHz	0.28	890
RL875-121K	120	1 KHz	0.36	810
RL875-151K	150	1 KHz	0.42	720
RL875-181K	180	1 KHz	0.57	660
RL875-221K	220	1 KHz	0.63	570
RL875-271K	270	1 KHz	0.88	510
RL875-331K	330	1 KHz	1.05	460
RL875-391K	390	1 KHz	1.17	440
RL875-471K	470	1 KHz	1.34	410
RL875-561K	560	1 KHz	1.72	360
RL875-681K	680	1 KHz	1.96	330
RL875-821K	820	1 KHz	2.56	300
RL875-102K	1000	1 KHz	2.94	270
RL875-122K	1200	1 KHz	4.04	240
RL875-152K	1500	1 KHz	4.70	220
RL875-182K	1800	1 KHz	5.05	200
RL875-222K	2200	1 KHz	6.25	180
RL875-272K	2700	1 KHz	8.72	160
RL875-332K	3300	1 KHz	10.6	150
RL875-392K	3900	1 KHz	14.2	140
RL875-472K	4700	1 KHz	16.7	120
RL875-562K	5600	1 KHz	18.7	110
RL875-682K	6800	1 KHz	21.8	100
RL875-822K	8200	1 KHz	28.7	93
RL875-103K	10,000	1 KHz	33.0	84

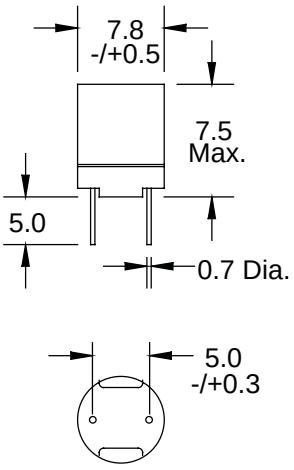
For RoHS compliant version, add "-RC" to part number.

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Fixed lead spacing
- Operating temperature -30 to +100 °C

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise



Dimensions: mm

RL875S Series				
Part Number	L (µH) ±15 %	Test Freq.	DCR Ω Max.	I, DC* (mA)
RL875S-220L	22	2.52 MHz	0.08	1600
RL875S-270L	27	2.52 MHz	0.10	1490
RL875S-330L	33	2.52 MHz	0.14	1300
RL875S-390L	39	2.52 MHz	0.15	1200
RL875S-470L	47	2.52 MHz	0.17	1100
	±10 %			
RL875S-560K	56	2.52 MHz	0.19	990
RL875S-680K	68	2.52 MHz	0.21	890
RL875S-820K	82	2.52 MHz	0.27	810
RL875S-101K	100	1 KHz	0.32	740
RL875S-121K	120	1 KHz	0.36	670
RL875S-151K	150	1 KHz	0.51	600
RL875S-181K	180	1 KHz	0.57	550
RL875S-221K	220	1 KHz	0.76	500
RL875S-271K	270	1 KHz	0.86	450
RL875S-331K	330	1 KHz	0.97	410
RL875S-391K	390	1 KHz	1.28	370
RL875S-471K	470	1 KHz	1.44	340
RL875S-561K	560	1 KHz	1.61	310
RL875S-681K	680	1 KHz	2.07	280
RL875S-821K	820	1 KHz	2.33	260
RL875S-102K	1000	1 KHz	2.72	230
RL875S-122K	1200	1 KHz	3.98	210
RL875S-152K	1500	1 KHz	4.50	190
RL875S-182K	1800	1 KHz	6.81	170
RL875S-222K	2200	1 KHz	7.56	160
RL875S-272K	2700	1 KHz	8.54	140
RL875S-332K	3300	1 KHz	9.74	130
RL875S-392K	3900	1 KHz	12.9	120
RL875S-472K	4700	1 KHz	14.7	110
RL875S-562K	5600	1 KHz	20.4	99
RL875S-682K	6800	1 KHz	23.0	89
RL875S-822K	8200	1 KHz	30.6	81
RL875S-103K	10,000	1 KHz	35.0	74

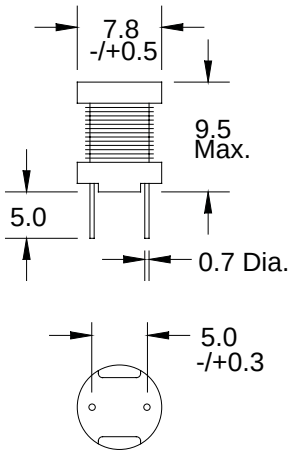
For RoHS compliant version, add "-RC" to part number.

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Fixed lead spacing
- Operating temperature -30 to +100 °C

Notes

* Current to cause max. 10 % of inductance drop, or 40 °C temperature rise



Dimensions: mm

RL895 Series				
Part Number	L (µH) ±20 %	Test Freq.	DCR (Ω) Max.	I, DC* (mA)
RL895-100M	10	2.52 MHz	0.04	2600
RL895-120M	12	2.52 MHz	0.04	2600
	±10 %			
RL895-150K	15	2.52 MHz	0.05	2100
RL895-180K	18	2.52 MHz	0.05	2000
RL895-220K	22	2.52 MHz	0.06	1700
RL895-270K	27	2.52 MHz	0.06	1600
RL895-330K	33	2.52 MHz	0.07	1400
RL895-390K	39	2.52 MHz	0.08	1400
RL895-470K	47	2.52 MHz	0.10	1300
RL895-560K	56	2.52 MHz	0.11	1200
RL895-680K	68	2.52 MHz	0.14	1100
RL895-820K	82	2.52 MHz	0.16	1000
RL895-101K	100	1 KHz	0.19	900
RL895-121K	120	1 KHz	0.22	820
RL895-151K	150	1 KHz	0.27	740
RL895-181K	180	1 KHz	0.31	710
RL895-221K	220	1 KHz	0.38	640
RL895-271K	270	1 KHz	0.53	570
RL895-331K	330	1 KHz	0.61	510
RL895-391K	390	1 KHz	0.69	480
RL895-471K	470	1 KHz	0.89	430
RL895-561K	560	1 KHz	1.01	400
RL895-681K	680	1 KHz	1.18	350
RL895-821K	820	1 KHz	1.57	320
RL895-102K	1000	1 KHz	1.84	300
RL895-122K	1200	1 KHz	2.10	270
RL895-152K	1500	1 KHz	2.80	230
RL895-182K	1800	1 KHz	3.21	210
RL895-222K	2200	1 KHz	4.21	190
RL895-272K	2700	1 KHz	4.94	170
RL895-332K	3300	1 KHz	6.16	150
RL895-392K	3900	1 KHz	6.84	140
RL895-472K	4700	1 KHz	7.89	130
RL895-562K	5600	1 KHz	11.5	120
RL895-682K	6800	1 KHz	13.2	110
RL895-822K	8200	1 KHz	15.3	100
RL895-103K	10,000	1 KHz	22.0	89
RL895-123K	12,000	1 KHz	25.0	73
RL895-153K	15,000	1 KHz	29.1	68
RL895-183K	18,000	1 KHz	38.9	66
RL895-223K	22,000	1 KHz	44.9	59
RL895-273K	27,000	1 KHz	55.2	52
RL895-333K	33,000	1 KHz	64.2	48
RL895-393K	39,000	1 KHz	74.2	42
RL895-473K	47,000	1 KHz	96.4	38

For RoHS compliant version, add "-RC" to part number.

Flat RF Chokes

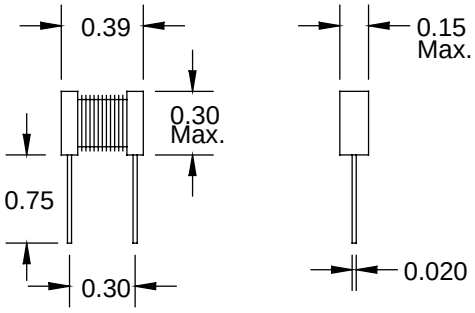
Special Features

- High Q
- Ferrite core
- Flat body construction to occupy small PCB area
- Low cost
- Varnish coated
- Operating temperature: -55 to +105 °C

Notes

* Saturation current to cause 5 % max. inductance drop

** Rated current to cause 35 °C max. temperature rise



Dimensions: Inches

3500 Series						
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	DCR Ω Max.	I sat.* (A)	I, DC** (A)
3500-1R0M	1.0	37	7.96	0.010	7.0	3.60
3500-1R2M	1.2	39	7.96	0.012	6.0	3.30
3500-1R5M	1.5	33	7.96	0.014	5.0	3.00
3500-1R8M	1.8	37	7.96	0.020	4.8	2.50
3500-2R2M	2.2	38	7.96	0.025	4.4	2.30
3500-2R7M	2.7	43	7.96	0.028	4.0	2.20
3500-3R3M	3.3	35	7.96	0.036	3.7	1.90
3500-3R9M	3.9	37	7.96	0.050	3.4	1.60
3500-4R7M	4.7	37	7.96	0.053	3.2	1.50
3500-5R6M	5.6	35	7.96	0.092	2.8	1.20
3500-6R8M	6.8	29	7.96	0.113	2.6	1.10
3500-8R2M	8.2	32	7.96	0.116	2.2	1.10
	±10 %					
3500-100K	10	31	7.96	0.120	2.1	1.00
3500-120K	12	55	2.52	0.140	2.0	0.96
3500-150K	15	51	2.52	0.158	1.6	0.91
3500-180K	18	46	2.52	0.180	1.5	0.85
3500-220K	22	51	2.52	0.230	1.4	0.75
3500-270K	27	52	2.52	0.265	1.3	0.70
3500-330K	33	47	2.52	0.346	1.2	0.61
3500-390K	39	46	2.52	0.371	1.1	0.59
3500-470K	47	45	2.52	0.502	1.0	0.51
3500-560K	56	45	2.52	0.687	0.95	0.44
3500-680K	68	46	2.52	0.888	0.90	0.38
3500-820K	82	53	2.52	1.20	0.85	0.33
3500-101K	100	39	0.796	1.50	0.80	0.29
3500-121K	120	75	0.796	1.73	0.65	0.27
3500-151K	150	60	0.796	1.96	0.60	0.26
3500-181K	180	75	0.796	2.07	0.56	0.25
3500-221K	220	63	0.796	2.19	0.49	0.24
3500-271K	270	68	0.796	2.53	0.45	0.23
3500-331K	330	64	0.796	3.34	0.41	0.20
3500-391K	390	60	0.796	3.45	0.39	0.19
3500-471K	470	70	0.796	5.29	0.35	0.16
3500-561K	560	68	0.796	5.41	0.32	0.16
3500-681K	680	64	0.796	5.93	0.29	0.15
3500-821K	820	60	0.796	6.33	0.27	0.14
3500-102K	1000	40	0.796	7.31	0.25	0.14
3500-122K	1200	70	0.252	10.0	0.2	0.11
3500-152K	1500	72	0.252	14.3	0.19	0.10
3500-182K	1800	72	0.252	15.8	0.17	0.091
3500-222K	2200	72	0.252	17.6	0.15	0.086
3500-272K	2700	72	0.252	19.3	0.14	0.082
3500-332K	3300	72	0.252	21.7	0.13	0.077
3500-392K	3900	70	0.252	26.0	0.12	0.071
3500-472K	4700	63	0.252	29.9	0.11	0.066
3500-752K	7500	20	0.252	55.0	0.08	0.045
3500-103K	10,000	40	0.0796	80.0	0.07	0.040

For RoHS compliant version, add "-RC" to part number.

Conformal Coated RF Chokes

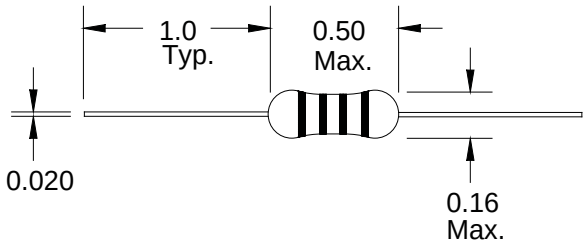
Special Features

- High current, high self resonant frequency
- Low DCR
- Ferrite bobbin core
- Epoxy coated to protect winding from harsh environments
- Low cost
- Color bands identification (Indicates Inductance Value)
- Dielectric strength 500 Vrms
- Operating temperature -55 to +105 ℃
- Test frequency : 1 KHz, except 1.0 – 8.2 µH @ 7.96 MHz

Notes

* Saturation current to cause 5 % max. inductance drop

** Rated current to cause 35 ℃ max. temperature rise



Dimensions: Inches

5300 Series					
Part Number	L (µH) ±10 %	SRF (MHz) Min.	DCR Ω Max.	I sat.* (mA)	I rated** (mA)
5300-01	1.0	190	0.018	3000	3300
5300-02	1.2	170	0.019	2700	3200
5300-03	1.5	160	0.020	2500	3100
5300-04	1.8	150	0.023	2100	2900
5300-05	2.2	130	0.031	2000	2600
5300-06	2.7	120	0.033	1900	2500
5300-07	3.3	110	0.054	1700	1900
5300-08	3.9	100	0.060	1500	1800
5300-09	4.7	86	0.068	1400	1700
5300-10	5.6	64	0.074	1300	1600
5300-11	6.8	44	0.080	1200	1600
5300-12	8.2	32	0.087	1100	1500
5300-13	10	25	0.095	970	1500
5300-14	12	17	0.11	880	1400
5300-15	15	13	0.15	790	1200
5300-16	18	10	0.16	710	1100
5300-17	22	8.4	0.19	640	1000
5300-18	27	8.0	0.22	580	950
5300-19	33	7.6	0.24	530	910
5300-20	39	7.1	0.26	480	880
5300-21	47	6.0	0.35	430	760
5300-22	56	5.8	0.47	400	650
5300-23	68	4.3	0.53	370	610
5300-24	82	4.1	0.60	330	580
5300-25	100	3.9	0.67	300	550
5300-26	120	3.6	0.90	270	470
5300-27	150	3.2	1.2	250	410
5300-28	180	2.8	1.4	220	380
5300-29	220	2.3	1.9	200	320
5300-30	270	2.1	2.1	180	310
5300-31	330	1.9	2.4	170	290
5300-32	390	1.7	3.0	150	260
5300-33	470	1.4	3.4	140	240
5300-34	560	1.3	4.7	130	210
5300-35	680	1.2	6.4	110	180
5300-36	820	1.1	7.1	100	170
5300-37	1000	1.0	7.9	95	160
5300-38	1200	0.94	9.0	87	150
5300-39	1500	0.76	12.0	78	130
5300-40	1800	0.72	14.0	71	120
5300-41	2200	0.64	19.0	64	100
5300-42	2700	0.56	25.0	58	90
5300-43	3300	0.53	29.0	52	83
5300-44	3900	0.48	34.0	48	77
5300-45	4700	0.45	37.0	44	74
5300-46	5600	0.40	50.0	40	63
5300-47	6800	0.36	58.0	36	59
5300-48	8200	0.29	68.0	33	54
5300-49	10,000	0.27	75.0	30	52

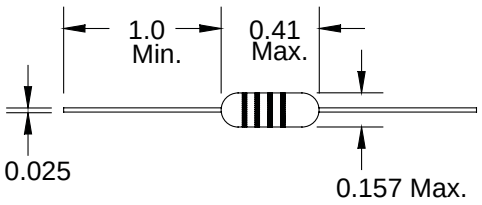
For RoHS compliant version, add "-RC" to part number.

Special Features

- High current, Q & self resonant frequency
- Low DCR
- Ferrite bobbin core
- Epoxy coated to protect winding from harsh environments
- Low cost
- Color bands identification (Per EIA Standard)
- Dielectric strength 500 Vrms
- Operating temperature -55 to +105 ℃

Notes

* Current to cause 35 ℃ max. temperature rise



Dimensions: Inches

77F Series						
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, (mA)* Max.
77F1R0K-RC	1.0	45	25.2	157	0.17	920
77F1R2K-RC	1.2	50	7.96	144	0.21	880
77F1R5K-RC	1.5	50	7.96	131	0.23	830
77F1R8K-RC	1.8	55	7.96	121	0.25	790
77F2R2K-RC	2.2	55	7.96	110	0.28	750
77F2R7K-RC	2.7	60	7.96	100	0.30	720
77F3R3K-RC	3.3	65	7.96	94	0.34	670
77F3R9K-RC	3.9	65	7.96	86	0.37	640
77F4R7K-RC	4.7	70	7.96	80	0.39	620
77F5R6K-RC	5.6	70	7.96	74	0.43	590
77F6R8K-RC	6.8	75	7.96	68	0.48	550
77F8R2K-RC	8.2	80	7.96	53	0.52	530
77F100K-RC	10	85	7.96	45	0.58	500
77F120K-RC	12	75	2.52	34	0.63	480
77F150K-RC	15	70	2.52	20	0.72	460
77F180K-RC	18	65	2.52	14	0.77	430
77F220K-RC	22	60	2.52	9.9	0.84	410
77F270K-RC	27	55	2.52	7.6	0.94	390
	±5 %					
77F330J-RC	33	55	2.52	6.3	1.03	370
77F390J-RC	39	50	2.52	6.3	1.12	350
77F470J-RC	47	45	2.52	6.3	1.22	340
77F560J-RC	56	40	2.52	6.2	1.34	320
77F680J-RC	68	40	2.52	5.7	1.47	305
77F820J-RC	82	35	2.52	5.3	1.62	290
77F101J-RC	100	30	0.796	4.8	1.80	275
77F120J-RC	120	70	0.796	3.8	3.70	185
77F151J-RC	150	70	0.796	3.5	4.20	175
77F181J-RC	180	70	0.796	3.3	4.60	165
77F221J-RC	220	70	0.796	3.0	5.10	155
77F271J-RC	270	65	0.796	2.8	5.80	145
77F331J-RC	330	65	0.796	2.6	6.40	137
77F391J-RC	390	65	0.796	2.4	7.00	133
77F471J-RC	470	60	0.796	2.25	7.70	126
77F561J-RC	560	60	0.796	2.1	8.50	120
77F681J-RC	680	55	0.796	1.95	9.40	113
77F821J-RC	820	55	0.796	1.85	10.5	105
77F102J-RC	1000	50	0.796	1.40	14.0	100

Only available as RoHS compliant.

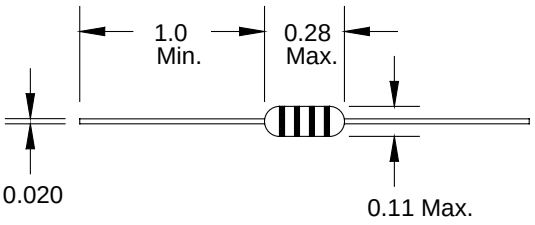
Conformal Coated RF Chokes

Special Features

- High Q & self resonant frequency
- Low DCR
- Ferrite bobbin core
- Epoxy coated to protect winding form harsh environments
- Low cost
- Color bands identification (Per EIA Standard)
- Dielectric strength 500 Vrms
- Operating temperature -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise



Dimensions: Inches

78F Series						
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)
78FR033M-RC	0.033	50	50	400	0.02	500
78FR10M-RC	0.10	40	25	400	0.06	500
78FR12M-RC	0.12	40	25	400	0.06	500
78FR15M-RC	0.15	40	25	400	0.07	500
78FR18M-RC	0.18	40	25	400	0.08	450
	±10 %					
78FR22K-RC	0.22	40	25	380	0.08	1025
78FR27K-RC	0.27	40	25	360	0.08	950
78FR33K-RC	0.33	40	25	350	0.08	815
78FR39K-RC	0.39	40	25	320	0.09	700
78FR47K-RC	0.47	40	25	330	0.10	650
78FR56K-RC	0.56	40	25	280	0.11	545
78FR68K-RC	0.68	40	25	250	0.12	495
78FR82K-RC	0.82	40	25	200	0.12	415
78F1R0K-RC	1.0	40	25	180	0.15	385
78F1R2K-RC	1.2	40	7.9	165	0.18	590
78F1R5K-RC	1.5	45	7.9	150	0.20	535
78F1R8K-RC	1.8	50	7.9	125	0.25	455
78F2R2K-RC	2.2	50	7.9	110	0.28	395
78F2R7K-RC	2.7	50	7.9	95	0.30	355
	±5 %					
78F3R3J-RC	3.3	50	7.9	70	0.34	270
78F3R9J-RC	3.9	45	7.9	65	0.32	250
78F4R7J-RC	4.7	45	7.9	50	0.35	230
78F5R6J-RC	5.6	45	7.9	40	0.40	185
78F6R8J-RC	6.8	40	7.9	30	0.45	175
78F8R2J-RC	8.2	40	7.9	28	0.55	155
78F100J-RC	10	40	7.9	22	0.72	130
78F120J-RC	12	45	2.5	20	0.80	155
78F150J-RC	15	50	2.5	16	0.88	150
78F180J-RC	18	50	2.5	15	1.00	145
78F220J-RC	22	50	2.5	13	1.20	140
78F270J-RC	27	50	2.5	11	1.35	135
78F330J-RC	33	50	2.5	10	1.50	195
78F390J-RC	39	50	2.5	9.5	1.70	185
78F470J-RC	47	60	2.5	8.5	2.30	167
78F560J-RC	56	60	2.5	7.5	2.60	150
78F680J-RC	68	60	2.5	6.5	2.90	137
78F820J-RC	82	60	2.5	6.0	3.20	132
78F101J-RC	100	60	2.5	5.5	3.50	125
78F121J-RC	120	60	0.79	5.4	3.80	100
78F151J-RC	150	60	0.79	4.7	4.40	90
78F181J-RC	180	60	0.79	4.3	5.00	84
78F221J-RC	220	60	0.79	4.0	5.70	76
78F271J-RC	270	60	0.79	3.7	6.50	70
78F331J-RC	330	60	0.79	3.4	9.50	65
78F391J-RC	390	60	0.79	2.8	10.5	60
78F471J-RC	470	60	0.79	2.5	11.6	53
78F561J-RC	560	60	0.79	2.3	13.0	51
78F681J-RC	680	60	0.79	2.0	18.0	45
78F821J-RC	820	60	0.79	1.5	23.0	43
78F102J-RC	1000	60	0.79	1.2	26.0	41

Only available as RoHS compliant.

Conformal Coated RF Chokes

Special Features

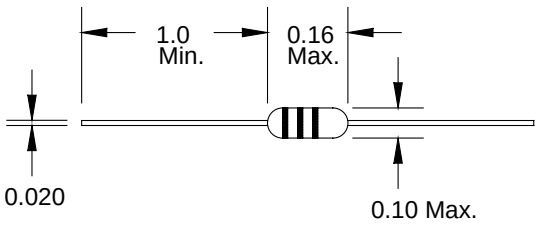
- Subminiature size
- High Q
- High self resonant frequency
- Ferrite bobbin core
- Epoxy coating
- Low cost
- Color bands identification (Per EIA STD)
- Dielectric strength 500 Vrms
- Operating temperature: -55 to +105 °C

Typical Applications

- Computers
- Computer peripherals
- TVs, VCRs and DVDs
- EMI filters

Notes

* Rated Idc causes 35 °C temperature rise



Dimensions: Inches

79F Series						
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)
79FR10M-RC	0.10	35	25	300	0.18	700
79FR12M-RC	0.12	35	25	300	0.20	660
79FR15M-RC	0.15	35	25	300	0.22	620
79FR18M-RC	0.18	35	25	300	0.24	600
79FR22M-RC	0.22	35	25	150	0.40	400
79FR27M-RC	0.27	35	25	150	0.43	380
79FR33M-RC	0.33	35	25	150	0.48	370
79FR39M-RC	0.39	35	25	150	0.51	350
79FR47M-RC	0.47	35	25	150	0.56	330
79FR56M-RC	0.56	35	25	150	0.61	320
79FR68M-RC	0.68	35	25	150	0.67	310
79FR82M-RC	0.82	35	25	150	0.74	290
	± 10 %					
79F1R0K-RC	1.0	35	25	150	0.80	270
79F1R2K-RC	1.2	40	7.9	110	0.90	260
79F1R5K-RC	1.5	40	7.9	70	1.0	250
79F1R8K-RC	1.8	40	7.9	60	1.1	240
79F2R2K-RC	2.2	40	7.9	45	1.2	230
79F2R7K-RC	2.7	40	7.9	40	1.3	220
79F3R3K-RC	3.3	40	7.9	38	1.4	210
79F3R9K-RC	3.9	40	7.9	36	1.5	200
79F4R7K-RC	4.7	40	7.9	30	1.7	190
79F5R6K-RC	5.6	40	7.9	28	1.9	180
79F6R8K-RC	6.8	40	7.9	26	2.0	175
79F8R2K-RC	8.2	40	7.9	24	2.2	165
79F100K-RC	10	40	2.5	22	2.4	160
79F120K-RC	12	40	2.5	20	2.5	150
79F150K-RC	15	40	2.5	18	2.8	145
79F180K-RC	18	40	2.5	17	3.1	140
79F220K-RC	22	40	2.5	16	3.4	100
79F270K-RC	27	40	2.5	14	4.3	80
79F330K-RC	33	40	2.5	13.5	4.7	75
79F390K-RC	39	40	2.5	13	5.2	74
79F470K-RC	47	40	2.5	12	5.8	70
79F560K-RC	56	40	2.5	11	6.4	68
79F680K-RC	68	40	2.5	10	7.2	64
79F820K-RC	82	40	2.5	9.5	11	46
79F101K-RC	100	40	2.5	9	12	44
79F121K-RC	120	40	0.79	8	13	42
79F151K-RC	150	40	0.79	6	16	39
79F181K-RC	180	40	0.79	5	18	37
79F221K-RC	220	40	0.79	5	20	35
79F271K-RC	270	40	0.79	4.6	25	25
79F331K-RC	330	40	0.79	4.2	30	25
79F391K-RC	390	40	0.79	3.8	34	25
79F471K-RC	470	40	0.79	3.5	38	24

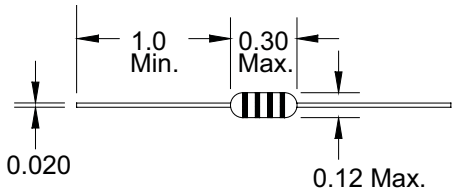
Only available as RoHS compliant.

Special Features

- High Q & self resonant frequency
- Low DCR
- Epoxy coated to protect winding from harsh environments
- Low cost
- Color bands identification
- Dielectric strength 500 Vrms
- Operating temperature –55 to +105 °C
- RoHS compliant

Notes

* Current to cause 35 °C max. temperature rise



Dimensions: Inches

8230 Series							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Core Material
8230-94-RC	0.10	40	25	690	0.07	1100	Phenolic
8230-96-RC	0.12	40	25	650	0.08	1100	Phenolic
8230-00-RC	0.15	38	25	600	0.10	1100	Phenolic
8230-02-RC	0.18	35	25	550	0.12	1010	Phenolic
8230-04-RC	0.22	33	25	510	0.14	935	Phenolic
8230-06-RC	0.27	33	25	430	0.16	875	Phenolic
8230-08-RC	0.33	30	25	410	0.20	780	Phenolic
8230-10-RC	0.39	30	25	380	0.30	640	Phenolic
8230-12-RC	0.47	30	25	340	0.35	590	Phenolic
8230-14-RC	0.56	30	25	300	0.50	495	Phenolic
8230-16-RC	0.68	28	25	275	0.60	450	Phenolic
8230-18-RC	0.82	28	25	250	0.85	380	Phenolic
8230-20-RC	1.0	25	25	230	1.0	350	Phenolic
8230-22-RC	1.2	25	7.9	150	0.18	825	Iron
8230-24-RC	1.5	28	7.9	140	0.22	745	Iron
8230-26-RC	1.8	30	7.9	125	0.30	640	Iron
8230-28-RC	2.2	30	7.9	115	0.40	550	Iron
8230-30-RC	2.7	37	7.9	100	0.50	495	Iron
8230-32-RC	3.3	45	7.9	90	0.85	380	Iron
8230-34-RC	3.9	45	7.9	82	1.0	350	Iron
8230-36-RC	4.7	45	7.9	75	1.2	320	Iron
8230-38-RC	5.6	50	7.9	68	1.8	260	Iron
8230-40-RC	6.8	50	7.9	60	2.0	245	Iron
8230-42-RC	8.2	55	7.9	55	2.7	210	Iron
8230-44-RC	10	55	7.9	50	3.7	180	Ferrite
8230-46-RC	12	45	2.5	40	2.7	210	Ferrite
8230-48-RC	15	45	2.5	35	2.8	205	Ferrite
8230-50-RC	18	50	2.5	32	3.1	195	Ferrite
8230-52-RC	22	50	2.5	25	3.3	190	Ferrite
8230-54-RC	27	50	2.5	22	3.5	185	Ferrite
8230-56-RC	33	45	2.5	24	3.4	187	Ferrite
8230-58-RC	39	45	2.5	22	3.6	180	Ferrite
8230-60-RC	47	45	2.5	20	4.5	165	Ferrite
8230-62-RC	56	45	2.5	18	5.7	145	Ferrite
8230-64-RC	68	50	2.5	15	6.7	135	Ferrite
8230-66-RC	82	50	2.5	14	7.3	130	Ferrite
8230-68-RC	100	50	2.5	13	8.0	125	Ferrite
8230-70-RC	120	30	0.79	12	13	97	Ferrite
8230-72-RC	150	30	0.79	11	15	85	Ferrite
8230-74-RC	180	30	0.79	10	17	79	Ferrite
8230-76-RC	220	30	0.79	9	21	73	Ferrite
8230-78-RC	270	30	0.79	8	25	65	Ferrite
8230-80-RC	330	30	0.79	7	28	62	Ferrite
8230-82-RC	390	30	0.79	6.5	35	55	Ferrite
8230-84-RC	470	30	0.79	6	42	50	Ferrite
8230-86-RC	560	30	0.79	5	46	48	Ferrite
8230-88-RC	680	30	0.79	4.2	60	42	Ferrite
8230-90-RC	820	30	0.79	3.8	65	40	Ferrite
8230-92-RC	1000	30	0.79	3.4	72	38	Ferrite

Only available as RoHS compliant.

Shielded RF Chokes

Special Features

- Ferrite magnetic shielded for low radiation
- High Q, high reliability
- Epoxy end-fill to protect coil from extreme environments
- Consistent body diameter
- Dielectric strength 500 Vrms
- Operating temperature: -55 to +105 °C
- Color banded per MIL STD

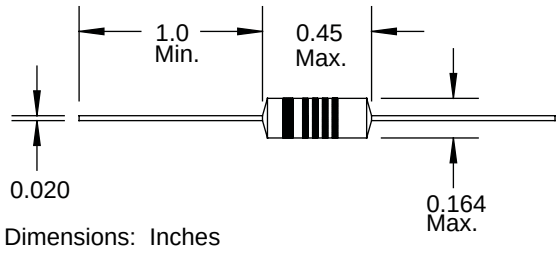
Typical Applications

- Telecommunications
- Signal processing
- High reliability, low magnetic coupling and densely packed board design

Notes

* Rated current to cause 35 °C temperature rise

** Incremental current to cause 5 % inductance



Dimensions: Inches

8250 Series							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
8250-R10K	0.10	50	25.0	400	0.026	3000	3000
8250-R12K	0.12	50	25.0	400	0.029	2860	2860
8250-R15K	0.15	50	25.0	400	0.034	2600	2600
8250-R18K	0.18	50	25.0	400	0.044	2300	2300
8250-R22K	0.22	50	25.0	400	0.056	2050	2050
8250-R27K	0.27	50	25.0	400	0.09	1625	1625
8250-R33K	0.33	47	25.0	325	0.122	1400	1400
8250-R39K	0.39	47	25.0	390	0.161	1220	1220
8250-R47K	0.47	47	25.0	264	0.218	1060	1060
8250-R56K	0.56	45	25.0	249	0.29	900	900
8250-R68K	0.68	43	25.0	221	0.382	790	790
8250-R82K	0.82	41	25.0	200	0.45	725	725
8250-1R0K	1.0	42	25.0	156	0.054	2080	2080
8250-1R2K	1.2	43	7.9	144	0.07	1840	1840
8250-1R5K	1.5	41	7.9	128	0.096	1560	1560
8250-1R8K	1.8	42	7.9	121	0.107	1480	1480
8250-2R2K	2.2	42	7.9	108	0.142	1290	1290
8250-2R7K	2.7	41	7.9	96	0.184	1130	1130
8250-3R3K	3.3	41	7.9	88	0.26	950	950
8250-3R9K	3.9	41	7.9	84	0.354	815	815
8250-4R7K	4.7	42	7.9	72	0.168	710	710
8250-5R6K	5.6	42	7.9	69	0.511	680	680
8250-6R8K	6.8	42	7.9	62	0.75	560	560
8250-8R2K	8.2	46	7.9	58	0.828	535	535
8250-100K	10	46	7.9	53	1.27	532	532
8250-120K	12	50	2.5	47	1.76	368	368
8250-150K	15	50	2.5	41	2.3	325	325
8250-180K	18	50	2.5	43	0.677	596	235
8250-220K	22	50	2.5	38	0.742	565	220
8250-270K	27	50	2.5	36	0.85	526	200
8250-330K	33	50	2.5	33	0.928	505	190
8250-390K	39	50	2.5	29.4	1.28	429	180
8250-470K	47	55	2.5	26.5	1.48	400	175
8250-560K	56	55	2.5	25	1.64	380	160
8250-680K	68	55	2.5	23	2.2	328	150
8250-820K	82	55	2.5	14	1.96	349	140
8250-101K	100	65	2.5	12	2.28	322	120
8250-121K	120	65	0.79	11.2	2.45	311	95
8250-151K	150	65	0.79	10.5	2.79	294	90
8250-181K	180	65	0.79	10	3.08	277	85
8250-221K	220	65	0.79	9.4	3.48	251	80
8250-271K	270	65	0.79	8	4.55	231	70
8250-331K	330	65	0.79	7.3	5.1	215	65
8250-391K	390	65	0.79	6.9	5.62	205	60
8250-471K	470	70	0.79	6.5	6.45	192	58
8250-561K	560	70	0.79	6	8.0	174	55
8250-681K	680	75	0.79	5.6	8.85	163	50
8250-821K	820	70	0.79	4.8	10.4	151	45

For RoHS compliant version, add "-RC" to part number.

Continued next page.

Special Features

- Ferrite magnetic shielded for low radiation
- High Q, high reliability
- Epoxy end-fill to protect coil from extreme environments
- Consistent body diameter
- Dielectric strength 500 Vrms
- Operating temperature: -55 to +105 °C
- Color banded per MIL STD

Typical Applications

- Telecommunications
- Signal processing
- High reliability, low magnetic coupling and densely packed board design

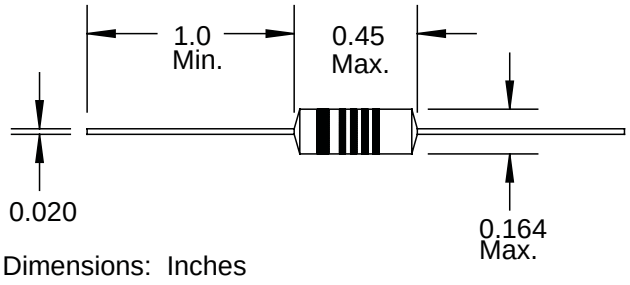
Notes

* Rated current to cause 35 °C temperature rise

** Incremental current to cause 5 % inductance

8250 Series cont.							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
8250-102K	1000	65	0.79	4.5	12.1	139	40
8250-122K	1200	70	0.25	2.6	15.1	125	35
8250-152K	1500	70	0.25	2.5	16.8	119	33
8250-182K	1800	70	0.25	2.3	19.1	111	30
8250-222K	2200	70	0.25	2.2	22.0	103	27
8250-272K	2700	70	0.25	2.1	25.1	97	25
8250-332K	3300	70	0.25	2	33.3	85	22
8250-392K	3900	70	0.25	1.8	36.8	80	20
8250-472K	4700	70	0.25	1.7	51.2	68	19
8250-562K	5600	70	0.25	1.6	54.6	66	17
8250-682K	6800	70	0.25	1.5	62.0	62	16
8250-822K	8200	70	0.25	1.4	86.6	52	15
8250-103K	10,000	70	0.25	1.3	93.1	50	14
8250-123K	12,000	50	0.079	0.88	84.0	53	13
8250-153K	15,000	50	0.079	0.78	97.0	49	12
8250-183K	18,000	50	0.079	0.72	104.0	48	10
8250-223K	22,000	50	0.079	0.57	145.0	40	9
8250-273K	27,000	50	0.079	0.46	195.0	34	8
8250-333K	33,000	50	0.079	0.42	222.0	32	7.5
8250-393K	39,000	50	0.079	0.42	242.0	31	6
8250-473K	47,000	50	0.079	0.37	317.0	27	5.5
8250-563K	56,000	50	0.079	0.36	362.0	25	5
8250-683K	68,000	50	0.079	0.35	410.0	24	4
8250-823K	82,000	50	0.079	0.34	440.0	23	3.5
8250-104K	100,000	50	0.079	0.32	484.0	22	3

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

Special Features

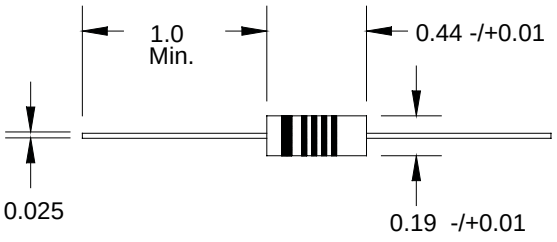
- High Q, high reliability
- Iron or ferrite core
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band or numerical marking identification
- Dielectric strength 1000 Vrms
- Operating temperature -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise

9220 Series						
Part Number	L (µH) ±5 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)
9220-00	270	65	7.9	5.6	8.2	110
9220-02	300	65	7.9	5.3	8.7	107
9220-04	330	65	7.9	5.0	9.1	105
9220-06	360	65	7.9	4.7	9.6	102
9220-08	390	65	7.9	4.5	10.0	100
9220-10	430	65	7.9	4.3	10.6	97
9220-12	470	65	7.9	4.0	11.1	95
9220-14	500	65	7.9	3.8	11.6	93
9220-15	510	65	7.9	3.8	11.6	92
9220-16	560	65	7.9	3.6	12.3	91
9220-18	620	60	7.9	3.5	13.0	88
9220-20	680	60	7.9	3.4	13.7	85
9220-22	750	60	7.9	3.3	14.4	83
9220-24	820	60	7.9	3.1	15.1	81
9220-26	910	60	7.9	2.9	15.8	79
9220-28	1000	60	7.9	2.8	16.5	78

For RoHS compliant version, add "-RC" to part number.



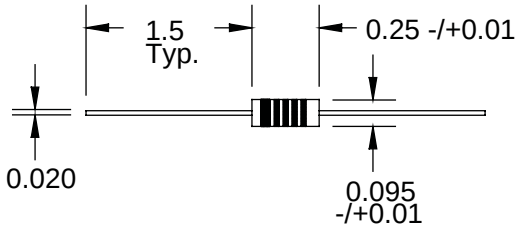
Dimensions: Inches

Special Features

- High Q, high reliability
- Miniature size
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band or numerical marking identification
- Dielectric strength 1000 Vrms
- Operating temperature: phenolic -55 to +125 °C; iron, ferrite -55° to 105 °C

Notes

* Current to cause 35 °C max. temperature rise



Dimensions: Inches

9230 Series							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Core Material
9230-94	0.10	40	25	690	0.07	1100	Phenolic
9230-96	0.12	40	25	650	0.08	1100	Phenolic
9230-00	0.15	38	25	600	0.10	1100	Phenolic
9230-02	0.18	35	25	550	0.12	1010	Phenolic
9230-04	0.22	33	25	10	0.14	935	Phenolic
9230-06	0.27	33	25	430	0.16	875	Phenolic
9230-08	0.33	30	25	410	0.20	780	Phenolic
9230-10	0.39	30	25	380	0.30	640	Phenolic
9230-12	0.47	30	25	340	0.35	590	Phenolic
9230-14	0.56	30	25	300	0.50	495	Phenolic
9230-16	0.68	28	25	275	0.60	450	Phenolic
9230-18	0.82	28	25	250	0.85	380	Phenolic
9230-20	1.0	25	25	230	1.0	350	Phenolic
9230-22	1.2	25	7.9	150	0.18	825	Iron
9230-24	1.5	28	7.9	140	0.22	745	Iron
9230-26	1.8	30	7.9	125	0.30	640	Iron
9230-28	2.2	30	7.9	115	0.40	550	Iron
9230-30	2.7	37	7.9	100	0.50	495	Iron
9230-32	3.3	45	7.9	90	0.85	380	Iron
9230-34	3.9	45	7.9	82	1.0	350	Iron
9230-36	4.7	45	7.9	75	1.2	320	Iron
9230-38	5.6	50	7.9	68	1.8	260	Iron
9230-40	6.8	50	7.9	60	2.0	245	Iron
9230-42	8.2	55	7.9	55	2.7	210	Iron
9230-44	10	55	7.9	50	3.7	180	Iron
9230-46	12	45	2.5	40	2.7	210	Iron
9230-48	15	45	2.5	35	2.8	205	Iron
9230-50	18	50	2.5	32	3.1	195	Iron
9230-52	22	50	2.5	25	3.3	190	Iron
9230-54	27	50	2.5	22	3.5	185	Iron
9230-56	33	45	2.5	24	3.4	187	Ferrite
9230-58	39	45	2.5	22	3.6	180	Ferrite
9230-60	47	45	2.5	20	4.5	165	Ferrite
9230-62	56	45	2.5	18	5.7	145	Ferrite
9230-64	68	50	2.5	15	6.7	135	Ferrite
9230-66	82	50	2.5	14	7.3	130	Ferrite
9230-68	100	50	2.5	13	8.0	125	Ferrite
9230-70	120	30	0.79	12	13	97	Ferrite
9230-72	150	30	0.79	11	15	85	Ferrite
9230-74	180	30	0.79	10	17	79	Ferrite
9230-76	220	30	0.79	9	21	73	Ferrite
9230-78	270	30	0.79	8	25	65	Ferrite
9230-80	330	30	0.79	7	28	62	Ferrite
9230-82	390	30	0.79	6.5	35	55	Ferrite
9230-84	470	30	0.79	6	42	50	Ferrite
9230-86	560	30	0.79	5	46	48	Ferrite
9230-88	680	30	0.79	4.2	60	42	Ferrite
9230-90	820	30	0.79	3.8	65	40	Ferrite
9230-92	1000	30	0.79	3.4	72	38	Ferrite

Special Features

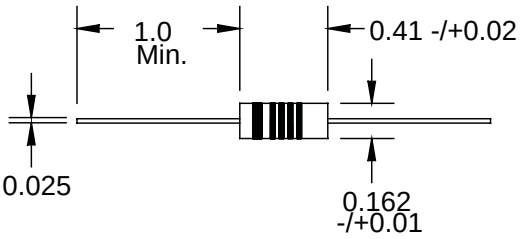
- Ferrite magnetic shielded for low radiation
- High Q, high reliability
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band or numerical marking identification
- Dielectric strength 1000 Vrms
- Operating temperature -55 to +105 ℃

Notes

* Rated current to cause 35 ℃ max. temperature rise

** Incremental current to cause 5 % max. inductance drop

Bourns recommends using the 9250A Series as a replacement for the 9250 Series



Dimensions: Inches

9250 Series							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
9250-101-RC	0.10	50	25	250	0.025	1790	1790
9250-121-RC	0.12	51	25	250	0.034	1530	1530
9250-151-RC	0.15	51	25	250	0.037	1470	1470
9250-181-RC	0.18	50	25	250	0.047	1300	1300
9250-221-RC	0.22	49	25	250	0.067	1100	1100
9250-271-RC	0.27	47	25	250	0.11	855	855
9250-331-RC	0.33	46	25	250	0.13	780	780
9250-391-RC	0.39	44	25	250	0.18	670	670
9250-471-RC	0.47	44	25	235	0.25	565	565
9250-561-RC	0.56	43	25	210	0.33	490	490
9250-681-RC	0.68	42	25	190	0.45	420	420
9250-821-RC	0.82	40	25	180	0.59	370	370
9250-102-RC	1.0	44	25	140	0.07	1070	1070
9250-122-RC	1.2	44	7.9	130	0.10	895	895
9250-152-RC	1.5	44	7.9	115	0.12	815	815
9250-182-RC	1.8	44	7.9	105	0.14	775	775
9250-222-RC	2.2	44	7.9	100	0.19	650	650
9250-272-RC	2.7	44	7.9	92	0.28	535	535
9250-332-RC	3.3	44	7.9	85	0.35	480	480
9250-392-RC	3.9	44	7.9	75	0.40	450	450
9250-472-RC	4.7	44	7.9	70	0.55	380	380
9250-562-RC	5.6	44	7.9	65	0.72	335	335
9250-682-RC	6.8	50	7.9	55	1.02	280	280
9250-822-RC	8.2	50	7.9	50	1.32	250	250
9250-103-RC	10	50	7.9	46	1.62	220	220
9250-123-RC	12	55	2.5	44	2.0	200	200
9250-153-RC	15	45	2.5	49	0.80	315	250
9250-183-RC	18	45	2.5	45	0.89	300	235
9250-223-RC	22	45	2.5	41	0.96	290	220
9250-273-RC	27	45	2.5	38	1.19	260	200
9250-333-RC	33	45	2.5	34	1.37	240	190
9250-393-RC	39	50	2.5	29	1.93	205	180
9250-473-RC	47	50	2.5	27	2.11	195	175
9250-563-RC	56	50	2.5	25	2.23	190	160
9250-683-RC	68	50	2.5	21	2.70	170	150
9250-823-RC	82	50	2.5	10.5	2.44	180	140
9250-104-RC	100	50	2.5	10.0	3.12	160	120
9250-124-RC	120	55	0.79	9.7	3.6	150	95
9250-154-RC	150	55	0.79	8.5	4.1	140	90
9250-184-RC	180	55	0.79	8.0	4.4	135	85
9250-224-RC	220	55	0.79	7.5	5.0	125	80
9250-274-RC	270	55	0.79	7.0	5.8	115	70
9250-334-RC	330	55	0.79	6.5	6.4	110	65
9250-394-RC	390	60	0.79	6.2	7.4	105	60
9250-474-RC	470	60	0.79	5.7	9.5	92	58
9250-564-RC	560	60	0.79	4.7	10.5	90	55
9250-684-RC	680	60	0.79	4.5	11.8	80	50
9250-824-RC	820	60	0.79	4.2	13.0	80	45

Only available as RoHS compliant.

Continued on next page.

Special Features

- Ferrite magnetic shielded for low radiation
- High Q, high reliability
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band or numerical marking identification
- Dielectric strength 1000 Vrms
- Operating temperature -55 to +105 ℃

Notes

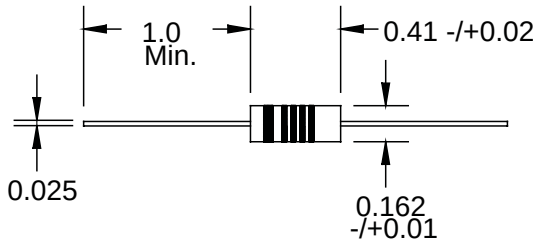
* Rated current to cause 35 ℃ max. temperature rise

** Incremental current to cause 5 % max. inductance drop

Bourns recommends using the 9250A Series as a replacement for the 9250 Series

9250 Series continued							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
9250-105-RC	1000	60	0.79	3.8	17.5	70	40
9250-125-RC	1200	45	0.25	1.5	22.1	60	35
9250-155-RC	1500	45	0.25	1.2	26.5	55	33
9250-185-RC	1800	45	0.25	1.0	29.9	50	30
9250-225-RC	2200	45	0.25	0.97	33.8	50	27
9250-275-RC	2700	45	0.25	0.92	47.3	40	25
9250-335-RC	3300	45	0.25	0.84	53.0	40	22
9250-395-RC	3900	45	0.25	0.80	73.8	35	20
9250-475-RC	4700	45	0.25	0.74	81.6	31	19
9250-565-RC	5600	44	0.25	0.73	98.9	28	17
9250-685-RC	6800	40	0.25	0.66	111	27	16
9250-825-RC	8200	40	0.25	0.54	119	26	15
9250-106-RC	10,000	40	0.25	0.47	137	24	14
9250-126-RC	12,000	30	0.079	0.33	143	23	13
9250-156-RC	15,000	30	0.079	0.29	157	22	12
9250-186-RC	18,000	30	0.079	0.28	175	21	10
9250-226-RC	22,000	27	0.079	0.25	274	17	9
9250-276-RC	27,000	27	0.079	0.21	308	16	8
9250-336-RC	33,000	27	0.079	0.19	343	15	7.5
9250-396-RC	39,000	27	0.079	0.17	376	15	6
9250-476-RC	47,000	23	0.079	0.16	473	13	5.5
9250-566-RC	56,000	23	0.079	0.14	512	13	5
9250-686-RC	68,000	23	0.079	0.13	580	12	4
9250-826-RC	82,000	21	0.079	0.12	618	11	3.5
9250-107-RC	100,000	18	0.079	0.11	678	11	3

Only available as RoHS compliant.



Dimensions: Inches

Special Features

- Magnetic shielded for low radiation
- High Q, high reliability
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band identification
- Dielectric strength 1000 Vrms
- Operating temperature -55 to +125 °C

Typical Applications

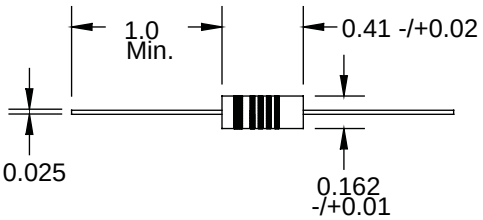
- Telecommunications
- Signal processing
- Computer peripherals
- Network routers
- Data switchers
- Consumer electronics
- Medical electronics

Notes

* Rated current to cause 35 °C max. temperature rise

** Incremental current to cause 5 % max. inductance drop

Recommended replacement for the 9250 Series



Dimensions: Inches

9250A Series							
Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
9250A-101	0.10	50	25	250	0.025	1790	1790
9250A-121	0.12	51	25	250	0.034	1530	1530
9250A-151	0.15	51	25	250	0.037	1470	1470
9250A-181	0.18	50	25	250	0.047	1300	1300
9250A-221	0.22	49	25	250	0.067	1100	1100
9250A-271	0.27	47	25	250	0.11	855	855
9250A-331	0.33	46	25	250	0.13	780	780
9250A-391	0.39	44	25	250	0.18	670	670
9250A-471	0.47	44	25	235	0.25	565	565
9250A-561	0.56	43	25	210	0.33	490	490
9250A-681	0.68	42	25	190	0.45	420	420
9250A-821	0.82	40	25	180	0.59	370	370
9250A-102	1.0	40	25	140	0.07	1070	1070
9250A-122	1.2	44	7.9	130	0.10	895	895
9250A-152	1.5	44	7.9	115	0.12	815	815
9250A-182	1.8	44	7.9	105	0.14	775	775
9250A-222	2.2	44	7.9	100	0.19	650	650
9250A-272	2.7	44	7.9	92	0.28	535	535
9250A-332	3.3	44	7.9	85	0.35	480	480
9250A-392	3.9	44	7.9	75	0.40	450	450
9250A-472	4.7	44	7.9	70	0.55	380	380
9250A-562	5.6	44	7.9	65	0.72	335	335
9250A-682	6.8	50	7.9	55	1.02	280	280
9250A-822	8.2	50	7.9	50	1.32	250	250
9250A-103	10	50	7.9	46	1.62	220	220
9250A-123	12	55	2.5	44	2.0	200	200
9250A-153	15	45	2.5	49	0.80	315	250
9250A-183	18	45	2.5	45	0.89	300	235
9250A-223	22	45	2.5	41	0.96	290	220
9250A-273	27	45	2.5	38	1.19	260	200
9250A-333	33	45	2.5	34	1.37	240	190
9250A-393	39	50	2.5	29	1.93	205	180
9250A-473	47	50	2.5	27	2.11	195	175
9250A-563	56	50	2.5	25	2.23	190	160
9250A-683	68	50	2.5	21	2.70	170	150
9250A-823	82	50	2.5	10.5	2.44	180	140
9250A-104	100	50	2.5	10.0	3.12	160	120
9250A-124	120	55	0.79	9.7	3.6	150	95
9250A-154	150	55	0.79	8.5	4.1	140	90
9250A-184	180	55	0.79	8.0	4.4	135	85
9250A-224	220	55	0.79	7.5	5.0	125	80
9250A-274	270	55	0.79	7.0	5.8	115	70
9250A-334	330	55	0.79	6.5	6.4	110	65
9250A-394	390	60	0.79	6.2	7.4	105	60
9250A-474	470	60	0.79	5.7	9.5	92	58
9250A-564	560	60	0.79	4.7	10.5	90	55
9250A-684	680	60	0.79	4.5	11.8	80	50
9250A-824	820	60	0.79	4.2	13.0	80	45
9250A-105	1000	60	0.79	3.8	17.5	70	40

For RoHS compliant version, add "-RC" to part number.

Continued next page.

Special Features

- Magnetic shielded for low radiation
- High Q, high reliability
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band identification
- Dielectric strength 1000 Vrms
- Operating temperature -55 to +125 °C

Typical Applications

- Telecommunications
- Signal processing
- Computer peripherals
- Network routers
- Data switchers
- Consumer electronics
- Medical electronics

Notes

* Rated current to cause 35 °C max. temperature rise

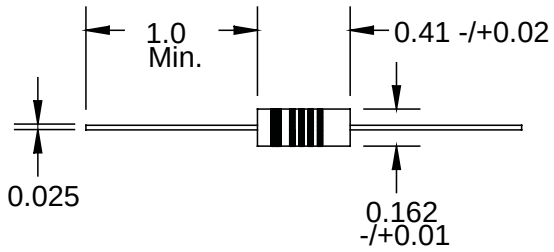
** Incremental current to cause 5 % max. inductance drop

Recommended replacement for the 9250 Series

9250A Series continued

Part Number	L (µH) ±10 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	I, Incr.** (mA)
9250A-125	1200	45	0.25	1.5	22.1	60	35
9250A-155	1500	45	0.25	1.2	26.5	55	33
9250A-185	1800	45	0.25	1.0	29.9	50	30
9250A-225	2200	45	0.25	0.97	33.8	50	27
9250A-275	2700	45	0.25	0.92	47.3	40	25
9250A-335	3300	45	0.25	0.84	53.0	40	22
9250A-395	3900	45	0.25	0.80	73.8	35	20
9250A-475	4700	45	0.25	0.74	81.6	31	19
9250A-565	5600	44	0.25	0.73	98.9	28	17
9250A-685	6800	40	0.25	0.66	111	27	16
9250A-825	8200	40	0.25	0.54	119	26	15
9250A-106	10,000	40	0.25	0.47	137	24	14
9250A-126	12,000	30	0.079	0.33	143	23	13
9250A-156	15,000	30	0.079	0.29	157	22	12
9250A-186	18,000	30	0.079	0.28	175	21	10
9250A-226	22,000	27	0.079	0.25	274	17	9
9250A-276	27,000	27	0.079	0.21	308	16	8
9250A-336	33,000	27	0.079	0.19	343	15	7.5
9250A-396	39,000	27	0.079	0.17	376	15	6
9250A-476	47,000	23	0.079	0.16	473	13	5.5
9250A-566	56,000	23	0.079	0.14	512	13	5
9250A-686	68,000	23	0.079	0.13	580	12	4
9250A-826	82,000	21	0.079	0.12	618	11	3.5
9250A-107	100,000	18	0.079	0.11	678	11	3

For RoHS compliant version, add "-RC" to part number.



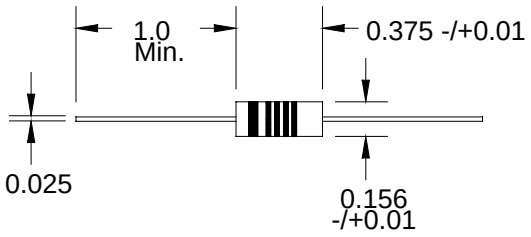
Dimensions: Inches

Special Features

- High Q, high reliability
- Iron or ferrite core
- Injection molded to protect coil from extreme environments
- Flame retardant coating
- Consistent body dimension
- Color band or numerical marking identification
- Dielectric strength 1000 Vrms
- Operating temperature -55° to 105 °C

Notes

* Current to cause 35 °C max. temperature rise



Dimensions: Inches

9310 Series						
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)
9310-00-RC	0.15	50	25	525	0.03	2450
9310-02-RC	0.22	50	25	450	0.055	1900
9310-04-RC	0.33	45	25	360	0.09	1400
9310-06-RC	0.47	45	5	310	0.12	1225
	±10 %					
9310-07-RC	0.56	50	25	280	0.135	1220
9310-08-RC	0.68	50	25	250	0.15	1100
9310-10-RC	0.82	50	25	220	0.22	900
9310-12-RC	1.0	50	25	200	0.29	830
9310-14-RC	1.2	33	7.9	180	0.42	650
9310-16-RC	1.5	33	7.9	160	0.50	600
9310-18-RC	1.8	33	7.9	150	0.65	525
9310-20-RC	2.2	33	7.9	135	0.95	435
9310-22-RC	2.7	33	7.9	120	1.2	385
9310-24-RC	3.3	33	7.9	110	2.0	300
9310-26-RC	3.9	33	7.9	100	2.3	280
9310-28-RC	4.7	33	7.9	90	2.6	260
9310-30-RC	5.6	45	7.9	60	0.32	750
9310-32-RC	6.8	50	7.9	55	0.50	600
9310-34-RC	8.2	50	7.9	50	0.60	545
9310-36-RC	10	55	7.9	45	0.90	445
9310-38-RC	12	65	2.5	42	1.1	404
9310-40-RC	15	65	2.5	40	1.4	370
9310-42-RC	18	75	2.5	34	2.25	280
9310-44-RC	22	75	2.5	30	2.5	265
9310-46-RC	24	60	2.5	26	2.5	265
9310-48-RC	27	60	2.5	25	2.6	260
9310-50-RC	30	65	2.5	19	2.8	255
9310-52-RC	33	65	2.5	19	3.0	250

Only available as RoHS compliant.

Varnished Chokes

Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic components
- Single layer or 3-pi universal wound
- Low cost
- Varnish coated
- Operating temperature:
  phenolic -55 to +125 °C
  iron & ferrite -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise

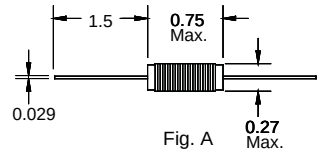


Fig. A

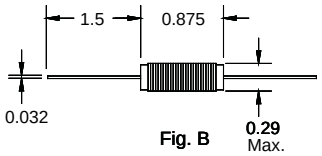


Fig. B

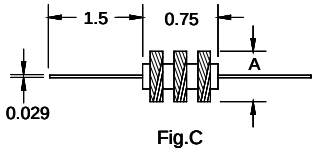


Fig.C

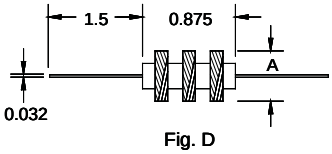


Fig. D

DImensions: Inches

4600 Series									
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Coil Diam. Max.	Core Matl.	Fig.
4602	1.0	60	7.96	190	0.05	2000	0.27	Phenolic	A
	±10 %								
4604	1.5	58	7.96	149	0.093	1800	0.27	Phenolic	A
4606	2.4	56	7.96	120	0.19	1500	0.27	Phenolic	A
4608	3.9	60	7.96	93	0.45	1000	0.27	Phenolic	A
4609	5.5	57	7.96	80	0.67	850	0.27	Phenolic	A
4610	6.2	57	7.96	76	0.83	700	0.27	Phenolic	A
4611	8.2	57	7.96	65	1.2	600	0.27	Phenolic	A
4612	10	36	2.52	61	1.5	500	0.27	Phenolic	A
	±5 %								
4622	10	69	2.52	40	0.11	1500	0.29	Iron	B
4624	15	62	2.52	33	0.17	1000	0.29	Iron	B
4626	24	65	2.52	25	0.34	800	0.29	Iron	B
4628	39	70	2.52	20	0.65	600	0.29	Iron	B
4629	55	72	2.52	17	1.0	500	0.29	Iron	B
4630	62	83	2.52	16	1.2	475	0.29	Iron	B
4631	82	85	2.52	13	1.9	450	0.29	Iron	B
4632	100	107	0.79	12	3.0	400	0.29	Iron	B
4642	100	49	0.79	11	5.4	160	0.41	Phenolic	C
4644	150	53	0.79	8.8	6.5	160	0.41	Phenolic	C
4646	240	56	0.79	7.2	8.5	160	0.44	Phenolic	C
4648	390	57	0.79	5.6	11.0	160	0.50	Phenolic	C
4649	550	58	0.79	4.8	13.0	160	0.50	Phenolic	C
4650	620	59	0.79	4.5	15.0	160	0.53	Phenolic	C
4651	750	56	0.79	4.0	16.0	160	0.53	Phenolic	C
4652	1000	59	0.252	3.7	19.0	160	0.56	Phenolic	C
	L Test @1 KHz		Q Test Freq.						
4662	1000	83	0.252	2.6	8.6	160	0.47	Iron	D
4664	1500	82	0.252	2.1	11.0	160	0.47	Iron	D
4666	2400	80	0.252	1.7	15.0	160	0.53	Iron	D
4668	3900	73	0.252	1.4	20.0	160	0.56	Iron	D
4669	5500	69	0.252	1.1	25.0	160	0.59	Iron	D
4670	6200	89	0.252	1.0	37.0	100	0.53	Iron	D
4671	8200	83	0.252	0.94	46.0	100	0.56	Iron	D
4672	10,000	68	0.0796	0.82	50.0	100	0.59	Iron	D

For RoHS compliant version, add "-RC" to part number.

Special Features

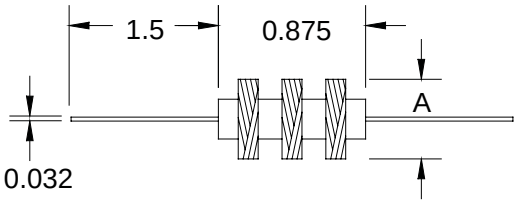
- High Q, high self-resonant frequency
- High voltage application
- 3-pi universal wound
- Low cost
- Varnish coated
- Ferrite core
- Operating temperature -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise

6300 Series							
Part Number	L (µH) ±5 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Dim. A Max
6302	2500	95	0.252	1.3	9.0	160	0.47
6304	5000	80	0.252	1.0	14.0	160	0.53
6306	10,000	95	0.0796	0.71	31.0	100	0.53
6308	25,000	90	0.0796	0.47	82.0	65	0.53
6310	50,000	100	0.0796	0.33	127.0	65	0.63

For RoHS compliant version, add "-RC" to part number.



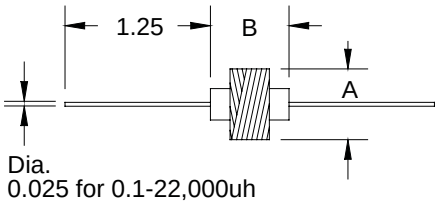
Dimensions: Inches

Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic and ferrite components
- Universal wound
- Low cost
- Varnish coated
- Operating temperature: phenolic -55 to +125 °C; iron, ferrite -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise



Dia.
0.025 for 0.1-22,000uh
0.032 for 25,000-500,000uh

Dimensions: Inches

70F Series									
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Dim. A Max	Dim. B ±0.03	Core Material
70F107AP	0.10	49	25	600	0.13	3922	0.15	0.31	Phenolic
70F157AP	0.15	52	25	490	0.25	2828	0.14	0.31	Phenolic
70F227AP	0.22	48	25	400	0.38	2294	0.14	0.31	Phenolic
70F337AP	0.33	47	25	330	0.70	1690	0.12	0.31	Phenolic
70F477AP	0.47	46	25	280	0.125	1264	0.12	0.31	Phenolic
70F687AP	0.68	48	25	240	0.20	1000	0.12	0.31	Phenolic
70F757AP	0.75	48	25	224	0.264	870	0.12	0.31	Phenolic
70F827AP	0.82	48	25	216	0.29	830	0.12	0.31	Phenolic
70F106AI	1.0	41	25	118	0.048	2041	0.16	0.25	Iron
	±10 %								
70F126AI	1.2	45	7.9	118	0.072	1666	0.16	0.25	Iron
70F156AI	1.5	42	7.9	102	0.096	1443	0.16	0.25	Iron
70F186AI	1.8	31	7.9	89	0.096	1443	0.16	0.25	Iron
70F226AI	2.2	43	7.9	87	0.156	1132	0.16	0.25	Iron
70F276AI	2.7	34	7.9	74	0.168	1091	0.16	0.25	Iron
70F336AI	3.3	40	7.9	66	0.24	912	0.15	0.25	Iron
70F396AI	3.9	35	7.9	61	0.264	870	0.15	0.25	Iron
70F476AI	4.7	43	7.9	53	0.457	661	0.15	0.25	Iron
70F566AI	5.6	41	7.9	49	0.492	637	0.15	0.25	Iron
70F686AI	6.8	40	7.9	49	0.624	566	0.15	0.25	Iron
70F756AI	7.5	32	7.9	44	0.624	566	0.15	0.25	Iron
70F826AI	8.2	37	7.9	41	0.744	518	0.15	0.25	Iron
70F916AI	9.1	41	7.9	21	1.44	288	0.16	0.25	Iron
70F105AI	10	36	7.9	19	1.56	277	0.16	0.25	Iron
70F125AI	12	52	2.5	19	1.68	267	0.16	0.25	Iron
70F155AI	15	52	2.5	16	1.92	250	0.16	0.25	Iron
	±5 %								
70F185AI	18	52	2.5	15	2.28	229	0.16	0.25	Iron
70F225AI	22	51	2.5	13	2.28	229	0.16	0.25	Iron
70F255AI	25	48	2.5	13	2.64	213	0.17	0.25	Iron
70F275AI	27	49	2.5	12	2.64	213	0.17	0.25	Iron
70F335AI	33	50	2.5	10	2.76	208	0.17	0.25	Iron
70F395AI	39	48	2.5	9.3	3.36	188	0.17	0.25	Iron
70F475AI	47	44	2.5	9.1	3.36	188	0.17	0.25	Iron
70F565AI	56	45	2.5	8.6	3.84	176	0.18	0.25	Iron
70F685AI	68	42	2.5	8.1	4.2	169	0.18	0.25	Iron
70F755AI	75	38	2.5	7.2	4.56	162	0.18	0.25	Iron
70F825AI	82	41	2.5	6.7	4.8	158	0.18	0.25	Iron
70F915AI	91	41	2.5	6.7	4.92	156	0.18	0.25	Iron
70F104AI	100	25	2.5	3.6	7.68	139	0.16	0.25	Iron
70F124AI	120	40	0.79	3.2	8.16	135	0.16	0.25	Iron
70F154AI	150	47	0.79	3.0	8.16	135	0.16	0.25	Iron
70F184AI	180	48	0.79	2.8	8.16	135	0.17	0.25	Iron
70F204AI	200	47	0.79	2.7	10.3	120	0.17	0.25	Iron
70F224AI	220	46	0.79	2.5	11.5	114	0.17	0.25	Iron
70F254AI	250	49	0.79	2.5	12.1	111	0.17	0.25	Iron
70F274AI	270	46	0.79	2.5	13.2	106	0.17	0.25	Iron
70F304AI	300	46	0.79	2.2	13.2	106	0.17	0.25	Iron
70F334AI	330	41	0.79	2.0	13.9	103	0.17	0.25	Iron
70F354AI	350	46	0.79	2.0	14.4	102	0.18	0.25	Iron

For RoHS compliant version, add "-RC" to part number.

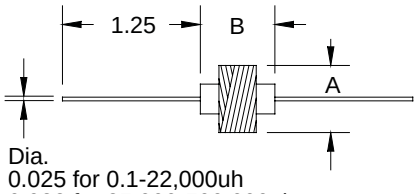
Continued next page.

Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic and ferrite components
- Universal wound
- Low cost
- Varnish coated
- Operating temperature: phenolic -55 to +125 °C; iron, ferrite -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise



Dia.
0.025 for 0.1-22,000uh
0.032 for 25,000-500,000uh

Dimensions: Inches

70F Series continued									
Part Number	L (µH) ±5 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Dim. A Max	Dim. B ±0.03	Core Material
70F394AI	390	45	0.79	2.0	15.8	97	0.18	0.25	Iron
70F474AI	470	35	0.79	1.8	16.3	95	0.18	0.25	Iron
70F504AI	500	49	0.79	1.8	18.0	91	0.19	0.25	Iron
70F564AI	560	41	0.79	1.7	19.2	88	0.19	0.25	Iron
70F684AI	680	37	0.79	1.6	19.8	87	0.2	0.25	Iron
70F754AI	750	40	0.79	1.6	22.9	80	0.21	0.25	Iron
70F824AI	820	33	0.79	1.6	22.9	80	0.21	0.25	Iron
70F914AI	910	32	0.79	1.4	24.0	79	0.22	0.25	Iron
70F103AI	1000	30	0.79	1.4	24.0	79	0.22	0.25	Iron
70F123AI	1200	34	0.25	1.2	33.6	66	0.22	0.25	Iron
70F153AI	1500	40	0.25	1.1	37.2	63	0.22	0.25	Iron
70F183AI	1800	40	0.25	0.96	42.0	59	0.23	0.25	Iron
70F223AI	2200	40	0.25	0.96	45.6	57	0.24	0.25	Iron
70F253AI	2500	48	0.25	0.96	45.6	57	0.26	0.38	Iron
70F273AI	2700	50	0.25	0.88	45.6	57	0.26	0.38	Iron
70F333AI	3300	52	0.25	0.80	51.6	53	0.26	0.38	Iron
70F393AI	3900	53	0.25	0.76	57.6	51	0.27	0.38	Iron
70F473AI	4700	49	0.25	0.68	64.8	48	0.28	0.38	Iron
70F563AI	5600	53	0.25	0.68	69.6	46	0.3	0.38	Iron
70F683AI	6800	51	0.25	0.64	78	43	0.31	0.38	Iron
70F753AI	7500	49	0.25	0.60	85.2	41	0.31	0.38	Iron
70F823AI	8200	48	0.25	0.60	92.4	40	0.33	0.38	Iron
70F913AI	9100	52	0.25	0.56	98.4	39	0.33	0.38	Iron
70F102AI	10,000	41	0.25	0.52	101	38	0.33	0.38	Iron
70F122AI	12,000	46	0.079	0.36	100	50	0.3	0.50	Iron
70F152AI	15,000	50	0.079	0.32	113	47	0.3	0.50	Iron
70F182AI	18,000	49	0.079	0.29	128	44	0.32	0.50	Iron
70F222AI	22,000	50	0.079	0.27	144	41	0.33	0.50	Iron
70F252AF	25,000	59	0.079	0.25	115	46	0.34	0.63	Ferrite
70F272AF	27,000	61	0.079	0.244	120	45	0.35	0.63	Ferrite
70F332AF	33,000	61	0.079	0.232	134	43	0.35	0.63	Ferrite
70F392AF	39,000	59	0.079	0.22	147	41	0.37	0.63	Ferrite
70F472AF	47,000	57	0.079	0.206	168	38	0.38	0.63	Ferrite
70F502AF	50,000	57	0.079	0.196	175	37	0.4	0.63	Ferrite
70F562AF	56,000	57	0.079	0.188	189	36	0.4	0.63	Ferrite
70F682AF	68,000	57	0.079	0.18	215	34	0.41	0.63	Ferrite
70F752AF	75,000	53	0.079	0.174	222	33	0.43	0.63	Ferrite
70F822AF	82,000	50	0.079	0.168	238	32	0.43	0.63	Ferrite
70F912AF	91,000	51	0.079	0.166	250	31	0.43	0.63	Ferrite
70F101AF	100,000	48	0.079	0.157	278	29	0.44	0.63	Ferrite
	L tested @ 1 KHz								
70F121AF	120,000	46	0.025	0.084	288	48	0.48	0.88	Ferrite
70F151AF	150,000	49	0.025	0.077	328	44	0.50	0.88	Ferrite
70F181AF	180,000	51	0.025	0.075	374	41	0.52	0.88	Ferrite
70F221AF	220,000	51	0.025	0.07	424	39	0.54	0.88	Ferrite
70F251AF	250,000	52	0.025	0.065	468	37	0.55	0.88	Ferrite
70F271AF	270,000	53	0.025	0.062	490	36	0.57	0.88	Ferrite
70F331AF	330,000	54	0.025	0.06	540	34	0.58	0.88	Ferrite
70F391AF	390,000	54	0.025	0.056	617	33	0.6	0.88	Ferrite
70F471AF	470,000	55	0.025	0.054	704	30	0.61	0.88	Ferrite
70F501AF	500,000	53	0.025	0.052	736	30	0.63	0.88	Ferrite

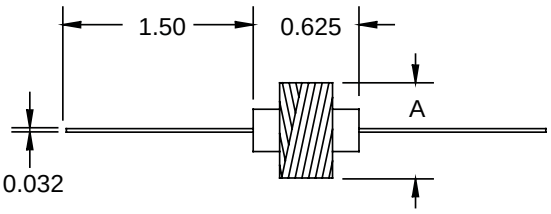
For RoHS compliant version, add "-RC" to part number.

Special Features

- High Q, high self-resonant frequency
- High voltage application
- Universal wound
- Ferrite core
- Low cost
- Varnish coated
- Operating temperature -55 to +105 ℃

Notes

* Current to cause 35 ℃ max. temperature rise



Dimensions: Inches

73F Series							
Part Number	L (µH) ±5 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Dim. A Max
73F104AF	100	140	0.79	7.7	2.0	250	0.33
73F124AF	120	140	0.79	7.0	2.2	250	0.33
73F154AF	150	160	0.79	6.3	2.5	250	0.33
73F184AF	180	160	0.79	6.0	2.9	250	0.34
73F224AF	220	160	0.79	5.6	3.2	250	0.36
73F274AF	270	160	0.79	5.1	3.6	250	0.36
73F334AF	330	160	0.79	4.8	3.8	250	0.37
73F394AF	390	160	0.79	4.4	4.2	225	0.39
73F474AF	470	160	0.79	3.9	4.8	200	0.39
73F564AF	560	160	0.79	3.6	5.3	200	0.40
73F684AF	680	160	0.79	3.4	6.0	200	0.40
73F824AF	820	150	0.79	3.1	6.8	200	0.44
73F103AF	1000	140	0.79	2.6	7.5	150	0.47
73F123AF	1200	140	0.25	2.2	7.8	150	0.54
73F153AF	1500	140	0.25	2.0	8.8	150	0.58
73F183AF	1800	140	0.25	1.8	11.0	150	0.61
73F223AF	2200	100	0.25	1.5	12.0	150	0.44
73F273AF	2700	100	0.25	1.4	13.5	125	0.47
73F333AF	3300	100	0.25	1.3	15.1	125	0.50
73F393AF	3900	95	0.25	1.2	18.0	125	0.51
73F473AF	4700	95	0.25	1.0	21.5	100	0.53
73F563AF	5600	95	0.25	1.0	25.0	80	0.56
73F683AF	6800	95	0.25	0.90	29.0	80	0.59
73F823AF	8200	70	0.25	0.91	30.0	80	0.54
73F102AF	10,000	65	0.25	0.85	34.0	80	0.58

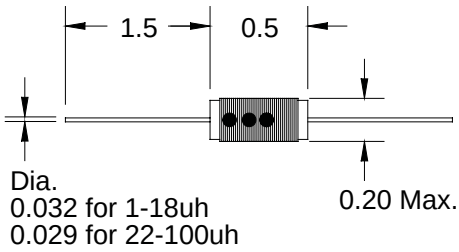
For RoHS compliant version, add "-RC" to part number.

Special Features

- High Q, high self-resonant frequency
- High voltage application on phenolic components
- Single layer wound
- Low cost
- Varnish coated
- Color dot identification
- Operating temperature: phenolic -55 to +125 °C; iron -55 to +105 °C

Notes

* Current to cause 35 °C max. temperature rise



Dimensions: Inches

74F Series							
Part Number	L (µH) ±20 %	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (mA)	Core Material
74F106AP	1.0	45	7.96	190	0.20	1000	Phenolic
74F126AP	1.2	45	7.96	174	0.22	950	Phenolic
74F156AP	1.5	45	7.96	160	0.25	900	Phenolic
74F186AP	1.8	45	7.96	144	0.28	850	Phenolic
74F226AP	2.2	45	7.96	132	0.30	800	Phenolic
	±10 %						
74F276AP	2.7	45	7.96	119	0.50	700	Phenolic
74F336AP	3.3	45	7.96	108	0.70	600	Phenolic
74F396AP	3.9	45	7.96	101	0.80	500	Phenolic
74F476AP	4.7	50	7.96	91	1.0	400	Phenolic
74F566AP	5.6	50	7.96	83	1.8	350	Phenolic
74F686AP	6.8	50	7.96	75	1.85	300	Phenolic
74F826AP	8.2	50	7.96	68	1.9	275	Phenolic
74F105AP	10	50	7.96	62	3.0	250	Phenolic
74F125AP	12	30	2.52	57	3.6	200	Phenolic
74F155AP	15	30	2.52	51	6.0	150	Phenolic
74F185AP	18	30	2.52	46	7.5	100	Phenolic
74F225AI	22	85	2.52	28	2.0	500	Iron
74F275AI	27	80	2.52	26	1.85	450	Iron
74F335AI	33	80	2.52	24	2.0	450	Iron
74F395AI	39	90	2.52	21	2.6	400	Iron
74F475AI	47	90	2.52	19	3.5	350	Iron
74F565AI	56	90	2.52	18	3.75	300	Iron
74F685AI	68	90	2.52	17	4.0	250	Iron
74F825AI	82	100	2.52	15	5.1	200	Iron
74F104AI	100	100	2.52	14	6.0	100	Iron

For RoHS compliant version, add "-RC" to part number.

Hash Chokes

Special Features

- Low cost, low DCR
- High current capacity
- Varnish coated
- Operating temperature -55 to +105 °C
- Ideal for use as EMI filter, output choke, smoothing coil

Notes

* Current to cause 10 % max. inductance drop or 35 °C max. temperature rise

5200 Series								
Part Number	L (µH) ±20 %	Test. Freq.	DCR Ω Max.	I, DC* (A)	Coil Dia. Max.	Lead Wire Size	Core Material	Fig.
5218	3.35	7.96 MHz	0.01	20	0.6	12	Iron	A
5219	4.9	7.96 MHz	0.016	15	0.6	14	Iron	A
5220	8.8	7.96 MHz	0.021	10	0.56	16	Iron	A
5230	4.0	7.96 MHz	0.012	8	0.38	20	Ferrite	B
5240	40	1 KHz	0.082	3	0.31	20	Ferrite	D
5248	68	1 KHz	0.054	5	0.56	20	Ferrite	C
5250	100	1 KHz	0.216	2	0.38	20	Ferrite	E
5252	125	1 KHz	0.08	3.5	0.50	20	Ferrite	C
5254	250	1 KHz	0.17	2.5	0.44	20	Ferrite	C
5256	500	1 KHz	0.26	2	0.56	20	Ferrite	C
5258	1000	1 KHz	0.55	1	0.50	20	Ferrite	C

For RoHS compliant version, add "-RC" to part number.

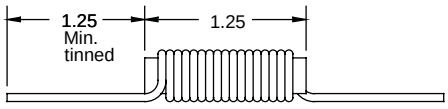


Fig. A

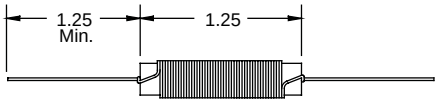


Fig. D

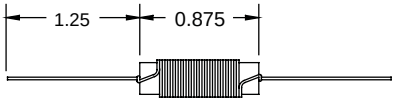


Fig. B

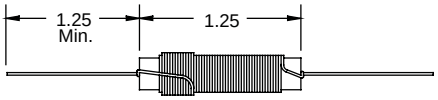


Fig. E

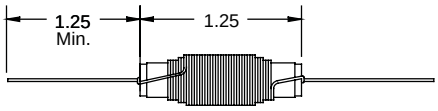


Fig. C

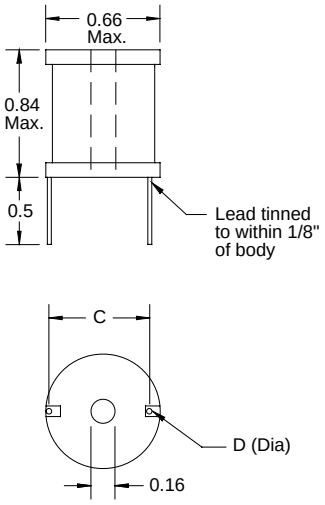
Dimensions: Inches

Special Features

- Very high current capacity
- Low DCR
- Epoxy coated ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Self-leaded
- Fixed lead spacing
- Center hole for mechanical mounting
- Dielectric withstanding voltage:
  2500 Vrms terminal to shrink tube cover;
  1000 Vrms terminal to core
- Operating temperature -55 to +105 °C

Notes

* Rated current to cause 50 °C max. temperature rise and 5 % max. inductance drop



Dimensions: Inches

1110 Series					
Part Number	L (µH) ±20 % @ 1 KHz	DCR Ω Max.	I, dc* (A)	Dim. C Approx.	Dim. D Nom.
1110-1R0M	1.0	0.003	9	0.55	0.051
1110-1R2M	1.2	0.003	9	0.55	0.051
1110-1R5M	1.5	0.004	9	0.55	0.051
1110-1R8M	1.8	0.004	9	0.55	0.051
1110-2R2M	2.2	0.005	9	0.55	0.051
1110-2R7M	2.7	0.005	9	0.55	0.051
1110-3R3M	3.3	0.005	9	0.55	0.051
1110-3R9M	3.9	0.006	9	0.55	0.051
1110-4R7M	4.7	0.007	9	0.55	0.051
1110-5R6M	5.6	0.007	9	0.55	0.051
1110-6R8M	6.8	0.008	9	0.55	0.051
1110-8R2M	8.2	0.009	9	0.55	0.051
	± 10 %				
1110-100K	10	0.010	9	0.55	0.051
1110-120K	12	0.011	9	0.55	0.051
1110-150K	15	0.015	7.2	0.53	0.045
1110-180K	18	0.016	7.2	0.53	0.045
1110-220K	22	0.020	5.5	0.53	0.045
1110-270K	27	0.030	4.5	0.53	0.040
1110-330K	33	0.040	4	0.53	0.040
1110-390K	39	0.046	4	0.53	0.040
1110-470K	47	0.062	2.8	0.53	0.036
1110-560K	56	0.069	2.8	0.53	0.036
1110-680K	68	0.077	2.8	0.50	0.032
1110-820K	82	0.083	2.8	0.50	0.032
1110-101K	100	0.095	2.8	0.50	0.032
1110-121K	120	0.127	2	0.50	0.029
1110-151K	150	0.181	1.6	0.50	0.029
1110-181K	180	0.217	1.6	0.50	0.025
1110-221K	220	0.240	1.6	0.50	0.025
1110-271K	270	0.300	1.6	0.47	0.020
1110-331K	330	0.336	1.3	0.47	0.020
1110-391K	390	0.460	1	0.47	0.020
1110-471K	470	0.636	0.8	0.47	0.020
1110-561K	560	0.696	0.8	0.47	0.020

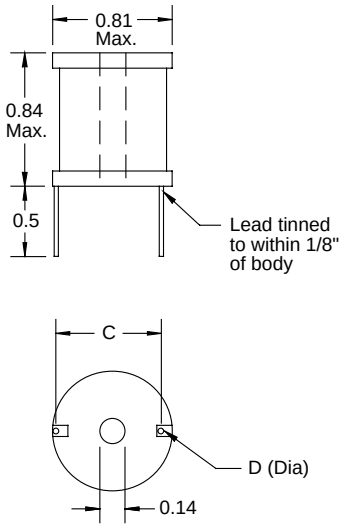
For RoHS compliant version, add "-RC" to part number.

Special Features

- Very high current capacity
- Low DCR
- Epoxy coated ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Self-leaded
- Fixed lead spacing
- Center hole for mechanical mounting
- Dielectric withstanding voltage:
  2500 Vrms terminal to shrink tube cover;
  1000 Vrms terminal to core
- Operating temperature -55 to +105 °C

Notes

* Rated current to cause 50 °C max. temperature rise and 5 % max. inductance drop



Dimensions: Inches

1120 Series					
Part Number	L (µH) ±20 % @ 1 KHz	DCR Ω Max.	I, dc* (A)	Dim. C Approx.	Dim. D Nom.
1120-1R0M	1.0	0.003	11.4	0.63	0.072
1120-1R2M	1.2	0.003	11.4	0.63	0.072
1120-1R5M	1.5	0.003	11.4	0.63	0.072
1120-1R8M	1.8	0.003	11.4	0.63	0.072
1120-2R2M	2.2	0.004	11.4	0.63	0.072
1120-2R7M	2.7	0.005	11.4	0.63	0.064
1120-3R3M	3.3	0.005	11.4	0.63	0.064
1120-3R9M	3.9	0.005	11.4	0.63	0.064
1120-4R7M	4.7	0.005	11.4	0.63	0.064
1120-5R6M	5.6	0.006	11.4	0.63	0.064
1120-6R8M	6.8	0.007	11.4	0.63	0.064
1120-8R2M	8.2	0.007	11.4	0.63	0.064
	± 10 %				
1120-100K	10	0.009	11.4	0.63	0.064
1120-120K	12	0.009	11.4	0.63	0.057
1120-150K	15	0.013	9	0.63	0.057
1120-180K	18	0.018	7.2	0.63	0.051
1120-220K	22	0.019	7.2	0.63	0.051
1120-270K	27	0.026	5.5	0.63	0.051
1120-330K	33	0.029	5.5	0.60	0.045
1120-390K	39	0.030	5.5	0.60	0.045
1120-470K	47	0.035	5.5	0.62	0.045
1120-560K	56	0.039	5.5	0.62	0.040
1120-680K	68	0.053	4.8	0.62	0.040
1120-820K	82	0.060	4.8	0.62	0.040
1120-101K	100	0.080	4	0.62	0.036
1120-121K	120	0.090	4	0.62	0.036
1120-151K	150	0.098	4	0.62	0.032
1120-181K	180	0.110	4	0.62	0.032
1120-221K	220	0.150	2.8	0.62	0.032
1120-271K	270	0.213	2	0.60	0.029
1120-331K	330	0.305	1.6	0.60	0.029
1120-391K	390	0.320	1.6	0.60	0.025
1120-471K	470	0.355	1.6	0.60	0.025
1120-561K	560	0.388	1.6	0.60	0.025
1120-681K	680	0.430	1.6	0.60	0.025
1120-821K	820	0.590	1.3	0.60	0.023
1120-102K	1000	0.818	1	0.60	0.020
1120-122K	1200	1.14	0.8	0.60	0.020
1120-152K	1500	1.26	0.8	0.60	0.020
1120-182K	1800	1.39	0.8	0.60	0.018
1120-222K	2200	1.54	0.8	0.60	0.018

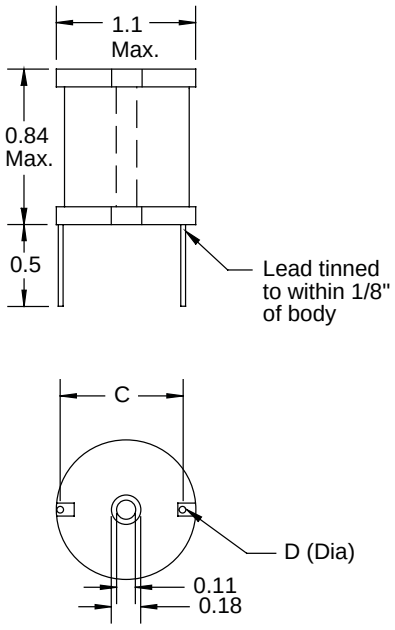
For RoHS compliant version, add "-RC" to part number.

Special Features

- Very high current capacity
- Low DCR
- Epoxy coated ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Self-leaded
- Fixed lead spacing
- Center hole for mechanical mounting
- Dielectric withstanding voltage:
  2500 Vrms terminal to shrink tube cover;
  1000 Vrms terminal to core
- Operating temperature -55 to +105 °C

Notes

* Rated current to cause 50 °C max. temperature rise and 5 % max. inductance drop



Dimensions: Inches

1130 Series					
Part Number	L (µH) ±20 % @ 1 KHz	DCR Ω Max.	I, dc* (A)	Dim. C Approx.	Dim. D Nom.
1130-1R0M	1.0	0.003	21	0.80	0.081
1130-1R2M	1.2	0.003	21	0.80	0.081
1130-1R5M	1.5	0.003	21	0.80	0.081
1130-1R8M	1.8	0.003	21	0.80	0.081
1130-2R2M	2.2	0.003	21	0.80	0.081
1130-2R7M	2.7	0.003	21	0.80	0.081
1130-3R3M	3.3	0.003	21	0.80	0.081
1130-3R9M	3.9	0.003	21	0.80	0.081
1130-4R7M	4.7	0.003	21	0.80	0.081
1130-5R6M	5.6	0.003	21	0.82	0.081
1130-6R8M	6.8	0.004	21	0.82	0.081
1130-8R2M	8.2	0.004	21	0.82	0.081
	± 10 %				
1130-100K	10	0.006	17	0.82	0.081
1130-120K	12	0.008	13.5	0.80	0.072
1130-150K	15	0.009	13.5	0.80	0.072
1130-180K	18	0.010	13.5	0.80	0.072
1130-220K	22	0.011	13.5	0.79	0.064
1130-270K	27	0.012	13.5	0.79	0.064
1130-330K	33	0.017	13.5	0.79	0.064
1130-390K	39	0.022	11.4	0.79	0.057
1130-470K	47	0.024	9	0.79	0.057
1130-560K	56	0.026	9	0.79	0.057
1130-680K	68	0.029	9	0.79	0.057
1130-820K	82	0.032	9	0.79	0.051
1130-101K	100	0.034	9	0.79	0.051
1130-121K	120	0.046	7.2	0.79	0.051
1130-151K	150	0.064	5.5	0.77	0.045
1130-181K	180	0.072	5.5	0.77	0.045
1130-221K	220	0.080	5.5	0.77	0.040
1130-271K	270	0.110	4.5	0.77	0.040
1130-331K	330	0.122	4.5	0.77	0.040
1130-391K	390	0.169	4	0.77	0.036
1130-471K	470	0.187	4	0.77	0.036
1130-561K	560	0.205	4	0.77	0.032
1130-681K	680	0.256	2.8	0.77	0.032
1130-821K	820	0.288	2.8	0.77	0.032
1130-102K	1000	0.426	2	0.75	0.029
1130-122K	1200	0.426	2	0.75	0.029
1130-152K	1500	0.518	2	0.75	0.025
1130-182K	1800	0.705	1.6	0.75	0.025
1130-222K	2200	1.02	1.3	0.75	0.025
1130-272K	2700	1.14	1.3	0.75	0.023
1130-332K	3300	1.27	1.3	0.75	0.020
1130-392K	3900	1.67	1	0.75	0.020
1130-472K	4700	1.86	1	0.75	0.020

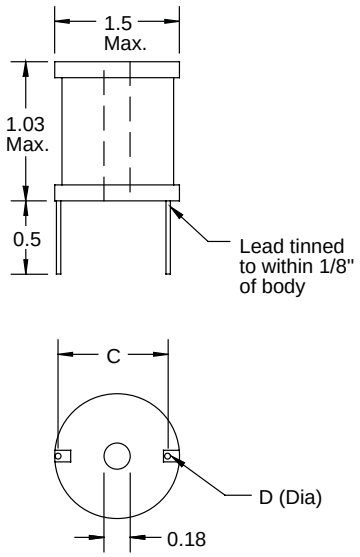
For RoHS compliant version, add "-RC" to part number.

Special Features

- Very high current capacity
- Low DCR
- Epoxy coated ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Self-leaded
- Fixed lead spacing
- Center hole for mechanical mounting
- Dielectric withstanding voltage:
  2500 Vrms terminal to shrink tube cover;
  1000 Vrms terminal to core
- Operating temperature -55 to +105 °C

Notes

* Rated current to cause 50 °C max. temperature rise and 5 % max. inductance drop



Dimensions: Inches

1140 Series					
Part Number	L (µH) ±20 % @ 1 KHz	DCR Ω Max.	I, dc* (A)	Dim. C Approx.	Dim. D Nom.
1140-1R8M	1.8	0.002	27	1.11	0.081
1140-2R2M	2.2	0.002	27	1.11	0.081
1140-2R7M	2.7	0.003	27	1.11	0.081
1140-3R3M	3.3	0.003	27	1.11	0.081
1140-3R9M	3.9	0.003	27	1.11	0.081
1140-4R7M	4.7	0.003	27	1.11	0.081
1140-5R6M	5.6	0.004	27	1.11	0.081
1140-6R8M	6.8	0.004	27	1.15	0.081
1140-8R2M	8.2	0.004	27	1.15	0.081
	± 10 %				
1140-100K	10	0.005	27	1.15	0.081
1140-120K	12	0.005	27	1.15	0.081
1140-150K	15	0.006	27	1.15	0.081
1140-180K	18	0.008	27	1.15	0.081
1140-220K	22	0.009	21	1.15	0.081
1140-270K	27	0.010	21	1.15	0.081
1140-330K	33	0.011	21	1.15	0.072
1140-390K	39	0.012	21	1.15	0.072
1140-470K	47	0.018	14.4	1.15	0.072
1140-560K	56	0.019	14.4	1.15	0.064
1140-680K	68	0.021	14.4	1.15	0.064
1140-820K	82	0.023	14.4	1.15	0.064
1140-101K	100	0.025	14.4	1.15	0.064
1140-121K	120	0.028	14.4	1.15	0.057
1140-151K	150	0.040	11.4	1.15	0.057
1140-181K	180	0.045	11.4	1.15	0.057
1140-221K	220	0.050	11.4	1.15	0.051
1140-271K	270	0.056	11.4	1.15	0.051
1140-331K	330	0.074	11.4	1.15	0.051
1140-391K	390	0.082	9	1.15	0.045
1140-471K	470	0.114	7.2	1.15	0.045
1140-561K	560	0.125	7.2	1.15	0.040
1140-681K	680	0.139	7.2	1.15	0.040
1140-821K	820	0.154	7.2	1.15	0.040
1140-102K	1000	0.216	5.5	1.15	0.040
1140-122K	1200	0.232	5.5	1.14	0.036
1140-152K	1500	0.324	4.5	1.14	0.036
1140-182K	1800	0.360	4.5	1.14	0.036
1140-222K	2200	0.494	4	1.10	0.032
1140-272K	2700	0.555	4	1.12	0.032
1140-332K	3300	0.773	2.8	1.10	0.029
1140-392K	3900	0.845	2.8	1.10	0.029
1140-472K	4700	1.14	2	1.12	0.029
1140-562K	5600	1.60	2	1.09	0.025
1140-682K	6800	1.76	1.6	1.12	0.025
1140-822K	8200	1.95	1.6	1.09	0.023
1140-103K	10,000	2.76	1.3	1.11	0.023
1140-123K	12,000	3.04	1.3	1.08	0.020
1140-153K	15,000	3.39	1.3	1.10	0.020

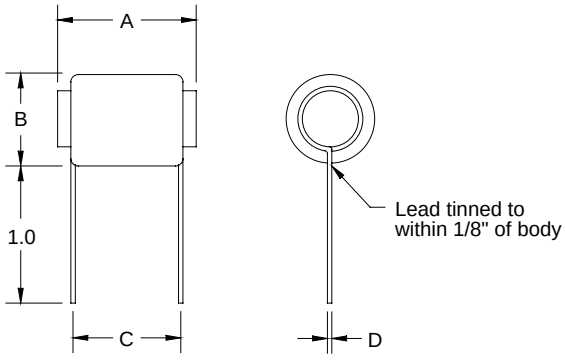
For RoHS compliant version, add "-RC" to part number.

Special Features

- Very high current capacity
- Low DCR
- Ferrite core
- VW-1 rated shrink tubing to cover winding
- Fixed lead spacing
- Operating temperature: -55 to +105 °C

Notes

* Current to cause 5 % max. inductance drop or 35 °C max. temperature rise



Dimensions: Inches

5500 Series							
Part Number	L (µH) ±20 % @ 1 KHz	DCR Ω Max.	I, DC* (A)	Dim. A Max.	Dim. B Max.	Dim. C ±.06	Dim. D ±. 005
5501	5	0.013	10	0.88	0.63	0.50	0.042
5502	10	0.017	9	1.12	0.63	0.69	0.042
5503	27	0.030	7	0.88	0.81	0.44	0.042
5504	50	0.045	5.6	0.88	0.81	0.75	0.042
5505	100	0.061	4.9	1.12	0.81	0.94	0.042
5506	150	0.069	4.6	1.38	0.81	1.06	0.042
5507	250	0.089	4	1.62	0.81	1.31	0.042
5508	5	0.009	14	0.88	0.64	0.75	0.053
5509	10	0.012	12	1.12	0.64	1.00	0.053
5510	27	0.022	9	0.88	0.88	0.56	0.053
5511	50	0.028	8	1.12	0.88	0.75	0.053
5512	68	0.034	7.3	1.12	0.88	0.88	0.053
5513	100	0.038	6.8	1.38	0.88	1.00	0.053
5514	150	0.046	6.3	1.62	0.88	1.25	0.053
5515	5	0.006	19	1.12	0.69	0.81	0.065
5516	10	0.008	16	1.38	0.69	1.22	0.065
5517	27	0.014	12.5	1.12	0.94	0.69	0.065
5518	50	0.020	10.5	1.38	0.94	0.94	0.065
5519	68	0.023	10	1.38	0.94	1.12	0.065
5520	100	0.027	10	1.62	0.94	1.31	0.065
5521	5	0.004	23	1.38	0.72	0.94	0.082
5522	10	0.006	20	1.69	0.72	1.50	0.082
5523	27	0.010	15	1.38	1.00	0.94	0.082
5524	50	0.013	15	1.62	1.00	1.12	0.082

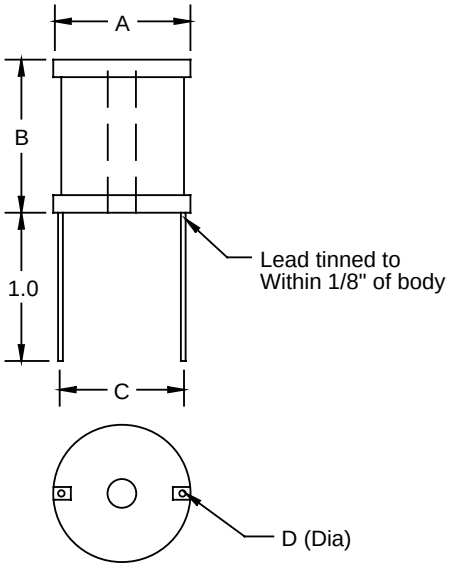
For RoHS compliant version, add "-RC" to part number.

Special Features

- Very high current capacity
- Low DCR
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Fixed lead spacing
- Operating temperature -55 to +105 °C

Notes

* Current to cause 5 % max. inductance drop or 35 °C max. temperature rise



Dimensions: Inches

5600 Series							
Part Number	L (µH) ±10 % @ 1 KHz	DCR Ω Max.	I, DC* (A)	Dim. A Max.	Dim. B Max.	Dim. C ±.06	Dim. D ±. 005
5601	5	0.007	15	0.83	0.91	0.59	0.065
5602	10	0.008	14	0.83	0.91	0.60	0.065
5603	25	0.023	8	0.83	0.91	0.57	0.042
5604	50	0.034	6.6	0.83	0.91	0.65	0.042
5605	100	0.072	4.5	0.83	0.91	0.69	0.042
5606	250	0.173	2.9	0.83	0.91	0.65	0.042
5607	500	0.378	2	0.83	0.91	0.68	0.042
5608	1000	0.801	1.3	0.83	0.91	0.66	0.042
5609	2500	2.040	.85	0.83	0.91	0.71	0.042
5610	5	0.005	20	1.22	1.11	0.94	0.082
5611	10	0.006	17	1.22	1.11	0.95	0.082
5612	25	0.009	14	1.22	1.11	0.93	0.082
5613	50	0.017	10	1.22	1.11	0.99	0.065
5614	100	0.034	7	1.22	1.11	0.85	0.053
5615	250	0.083	4.6	1.22	1.11	0.97	0.053
5616	500	0.129	3.7	1.22	1.11	1.12	0.053
5617	1000	0.279	2.5	1.22	1.11	1.05	0.053
5618	2500	0.690	1.6	1.22	1.11	1.05	0.053
5619	50	0.012	14	1.50	1.11	1.23	0.082
5620	100	0.027	9.8	1.50	1.11	1.12	0.065
5621	250	0.059	6.4	1.50	1.11	1.10	0.053
5622	500	0.090	5	1.50	1.11	1.14	0.053
5623	1000	0.195	3.5	1.50	1.11	1.36	0.053
5624	2500	0.499	2.2	1.50	1.11	1.32	0.053
5625	5000	1.080	1.5	1.50	1.11	1.27	0.053
5626	100	0.018	14	1.50	1.50	1.18	0.082
5627	250	0.040	9	1.50	1.50	1.12	0.065
5628	500	0.085	6.5	1.50	1.50	1.06	0.053
5629	1000	0.183	4.4	1.50	1.50	1.23	0.053
5630	2500	0.464	2.8	1.50	1.50	1.21	0.053
5631	5000	0.714	2.2	1.50	1.50	1.63	0.053
5632	10,000	1.560	1.5	1.62	1.50	1.25	0.053

For RoHS compliant version, add "-RC" to part number.

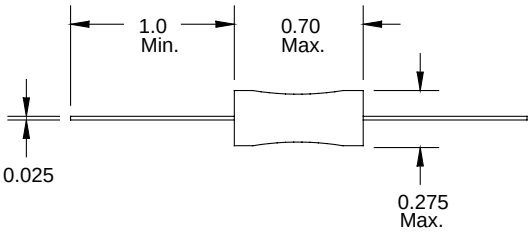
Special Features

- High current capacity
- Low DCR
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Dash No. marking for identification
- Dielectric strength 2500 Vrms
- Operating temperature -55 to +105 °C
- Test frequency 1 KHz

Notes

* Saturation current to cause 10 % max. inductance drop

** Rated current to cause 35 °C max. temperature rise



Dimensions: Inches

5800 Series				
Part Number	L (µH) ±10 %	DCR Ω Max.	I sat.* (A)	I rated** (A)
5800-3R9	3.9	0.019	7.3	1.28
5800-4R7	4.7	0.022	6.3	1.28
5800-5R6	5.6	0.024	5.6	1.28
5800-6R8	6.8	0.026	5.3	1.28
5800-8R2	8.2	0.028	4.5	1.28
5800-100	10	0.033	4.1	1.28
5800-120	12	0.037	3.6	1.28
5800-150	15	0.040	3.3	1.28
5800-180	18	0.044	3.0	1.28
5800-220	22	0.050	2.7	1.28
5800-270	27	0.058	2.5	1.28
5800-330	33	0.075	2.2	1.008
5800-390	39	0.094	2.0	0.804
5800-470	47	0.109	1.8	0.804
5800-560	56	0.140	1.7	0.804
5800-680	68	0.145	1.5	0.804
5800-820	82	0.152	1.4	0.804
5800-101	100	0.208	1.2	0.632
5800-121	120	0.283	1.1	0.508
5800-151	150	0.34	1.0	0.508
5800-181	180	0.362	0.95	0.508
5800-221	220	0.43	0.86	0.508
5800-271	270	0.557	0.77	0.400
5800-331	330	0.665	0.70	0.400
5800-391	390	0.772	0.64	0.400
5800-471	470	1.15	0.59	0.315
5800-561	560	1.27	0.54	0.315
5800-681	680	1.61	0.49	0.250
5800-821	820	1.96	0.44	0.200
5800-102	1000	2.3	0.40	0.200
5800-122	1200	2.65	0.35	0.200
5800-152	1500	3.45	0.33	0.158
5800-182	1800	4.03	0.29	0.158
5800-222	2200	4.48	0.27	0.158
5800-272	2700	5.9	0.24	0.125
5800-332	3300	6.56	0.22	0.125
5800-392	3900	8.63	0.20	0.100
5800-472	4700	10.5	0.18	0.100
5800-562	5600	13.9	0.166	0.082
5800-682	6800	16.3	0.151	0.082
5800-822	8200	20.8	0.136	0.065
5800-103	10,000	26.4	0.125	0.050
5800-123	12,000	29.9	0.114	0.050
5800-153	15,000	42.5	0.098	0.039
5800-183	18,000	48.3	0.091	0.039

For RoHS compliant version, add "-RC" to part number.

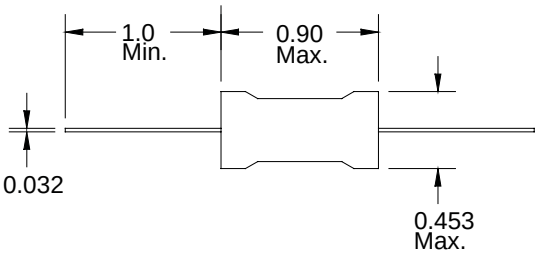
Special Features

- High current capacity
- Low DCR
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Dash No. marking for identification
- Dielectric strength 2500 Vrms
- Operating temperature -55 to +105 °C
- Test frequency 1 KHz

Notes

* Saturation current to cause 10 % max. inductance drop

** Rated current to cause 35 °C max. temperature rise



Dimensions: Inches

5900 Series				
Part Number	L (µH) ±10 %	DCR Ω Max.	I sat.* (A)	I rated** (A)
5900-3R9	3.9	0.007	15.5	4.0
5900-4R7	4.7	0.008	13.9	4.0
5900-5R6	5.6	0.011	12.6	4.0
5900-6R8	6.8	0.011	11.6	4.0
5900-8R2	8.2	0.013	9.89	4.0
5900-100	10	0.017	8.70	4.0
5900-120	12	0.019	8.21	4.0
5900-150	15	0.022	7.34	4.0
5900-180	18	0.023	6.64	4.0
5900-220	22	0.026	6.07	4.0
5900-270	27	0.027	5.36	4.0
5900-330	33	0.032	4.82	4.0
5900-390	39	0.033	4.36	4.0
5900-470	47	0.035	3.98	4.0
5900-560	56	0.037	3.66	3.2
5900-680	68	0.047	3.31	2.5
5900-820	82	0.060	3.10	2.0
5900-101	100	0.090	2.79	1.6
5900-121	120	0.113	2.54	1.6
5900-151	150	0.129	2.22	1.6
5900-181	180	0.150	1.98	1.6
5900-221	220	0.162	1.89	1.6
5900-271	270	0.208	1.63	1.6
5900-331	330	0.212	1.51	1.6
5900-391	390	0.281	1.39	1.6
5900-471	470	0.380	1.24	1.2
5900-561	560	0.420	1.17	1.0
5900-681	680	0.548	1.05	1.0
5900-821	820	0.655	0.97	0.8
5900-102	1000	0.844	0.87	0.8
5900-122	1200	1.04	0.79	0.6
5900-152	1500	1.18	0.70	0.6
5900-182	1800	1.56	0.64	0.6
5900-222	2200	2.00	0.58	0.5
5900-272	2700	2.06	0.53	0.4
5900-332	3300	2.53	0.47	0.4
5900-392	3900	2.75	0.43	0.4
5900-472	4700	3.19	0.39	0.4
5900-562	5600	3.92	0.359	0.315
5900-682	6800	5.69	0.322	0.250
5900-822	8200	6.32	0.293	0.250
5900-103	10,000	7.30	0.266	0.250
5900-123	12,000	9.21	0.241	0.200
5900-153	15,000	10.5	0.214	0.200
5900-183	18,000	14.8	0.198	0.158
5900-223	22,000	21.8	0.180	0.125
5900-273	27,000	22.7	0.162	0.125
5900-333	33,000	25.7	0.146	0.125
5900-393	39,000	31.8	0.135	0.100
5900-473	47,000	36.1	0.122	0.100
5900-563	56,000	40.9	0.112	0.100
5900-683	68,000	57.3	0.101	0.082
5900-823	82,000	79.3	0.090	0.065
5900-104	100,000	89.7	0.081	0.065

For RoHS compliant version, add "-RC" to part number.

High Current Toroid Inductors

Special Features

- Low radiation
- Low core loss
- High operation frequency
- High current capacity
- Low core saturation
- Horizontal or vertical mount
- Operating temperature: -55 to +105 °C

Typical Applications

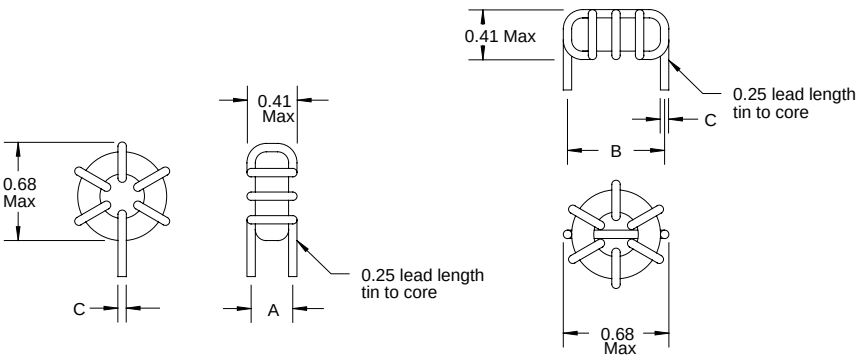
- High current, low voltage converters
- High-speed computers
- Video game machines
- Output chokes
- EMI filters

Notes

* Rated current to cause 40 °C temperature rise
Add -H or -V mounting style after P/N
Example : 2000-470-V

2000 Series							
Part Number	L (µH) ±20 % @ 1 KHz	Idc* (A)	L (µH) ±20 % @ I rated	DCR Ω Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2000-R3	0.3	28.5	0.24	0.0010	0.35	0.60	0.059
2000-R5	0.5	24.7	0.41	0.0012	0.35	0.60	0.059
2000-R8	0.8	22.1	0.62	0.0014	0.35	0.60	0.059
2000-1R2	1.2	20.2	0.86	0.0017	0.35	0.60	0.059
2000-1R5	1.5	18.7	1.14	0.0020	0.35	0.60	0.059
2000-2R0	2.0	15.6	1.5	0.0027	0.34	0.59	0.053
2000-2R7	2.7	14.7	1.9	0.0030	0.34	0.59	0.053
2000-3R3	3.3	11.1	2.5	0.0053	0.33	0.58	0.042
2000-3R9	3.9	10.5	3.0	0.0059	0.33	0.58	0.042
2000-4R7	4.7	10.1	3.5	0.0064	0.33	0.58	0.042
2000-5R6	5.6	9.7	4.0	0.0069	0.33	0.58	0.042
2000-6R8	6.8	7.2	5.7	0.013	0.31	0.56	0.034
	± 15 %		± 15 %				
2000-8R2	8.2	7.0	6.4	0.014	0.31	0.56	0.034
2000-100	10	6.6	7.9	0.015	0.31	0.56	0.034
2000-120	12	6.4	8.7	0.016	0.31	0.56	0.034
2000-150	15	4.7	12.4	0.029	0.29	0.53	0.027
2000-180	18	4.5	14.5	0.032	0.29	0.53	0.027
2000-220	22	4.3	16.7	0.035	0.29	0.53	0.027
2000-270	27	4.1	20.4	0.039	0.29	0.53	0.027
2000-330	33	3.5	25.4	0.054	0.29	0.53	0.024
2000-390	39	3.3	29.9	0.059	0.29	0.53	0.024
2000-470	47	3.2	34.6	0.064	0.29	0.53	0.024

For RoHS compliant version, add "-RC" to part number.



Vertical Horizontal

Dimensions: Inches

High Temperature, High Current Toroid Inductors

Special Features

- High temperature rating-up to +200 °C
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Low cost
- Operating temperature: -55 to +200 °C

Typical Applications

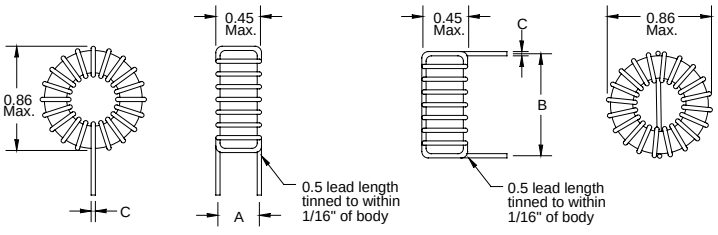
- High operating temperature environments
- DC/DC converters
- Output chokes
- EMI filters

Notes

* Rated Idc causes a 50 °C temperature rise
Add -H or -V mounting style after P/N
Example : 2100HT-271-H

2100HT Series							
Part Number	L (µH) ± 15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2100HT-1R0	1.0	21.7	0.8	0.003	0.34	0.77	0.053
2100HT-1R5	1.5	19.8	1.2	0.003	0.34	0.77	0.053
2100HT-2R2	2.2	18.3	1.8	0.004	0.34	0.77	0.053
2100HT-2R7	2.7	17.1	2.1	0.004	0.34	0.77	0.053
2100HT-3R3	3.3	16.1	2.6	0.005	0.34	0.77	0.053
2100HT-3R9	3.9	15.3	3.0	0.005	0.34	0.77	0.053
2100HT-4R7	4.7	14.9	3.5	0.006	0.34	0.77	0.053
2100HT-5R6	5.6	14.3	4.1	0.006	0.34	0.77	0.053
2100HT-6R8	6.8	13.7	4.9	0.006	0.34	0.77	0.053
2100HT-8R2	8.2	13.2	5.9	0.007	0.34	0.77	0.053
2100HT-100	10	9.9	7.6	0.012	0.33	0.76	0.042
2100HT-120	12	9.6	9.0	0.013	0.33	0.76	0.042
2100HT-150	15	9.1	11.0	0.014	0.33	0.76	0.042
2100HT-180	18	8.6	13.0	0.016	0.33	0.76	0.042
2100HT-220	22	6.7	16.6	0.026	0.32	0.75	0.034
2100HT-270	27	6.4	20.1	0.028	0.32	0.75	0.034
2100HT-330	33	6.1	24.0	0.031	0.35	0.79	0.034
2100HT-390	39	5.9	28.0	0.033	0.35	0.79	0.034
2100HT-470	47	5.6	33.1	0.036	0.35	0.79	0.034
2100HT-560	56	5.3	38.5	0.040	0.35	0.79	0.034
2100HT-680	68	5.1	46.0	0.044	0.35	0.79	0.034
2100HT-820	82	4.8	54.0	0.049	0.35	0.79	0.034
2100HT-101	100	4.6	64.5	0.053	0.35	0.79	0.034
2100HT-121	120	3.5	84.4	0.094	0.34	0.77	0.027
2100HT-151	150	3.3	102.8	0.11	0.34	0.77	0.027
2100HT-181	180	3.1	120.7	0.12	0.34	0.77	0.027
2100HT-221	220	3.0	144.2	0.13	0.35	0.79	0.027
2100HT-271	270	2.8	172.6	0.14	0.35	0.79	0.027
2100HT-331	330	2.7	206.0	0.16	0.35	0.79	0.027
2100HT-391	390	2.1	266.7	0.27	0.33	0.76	0.022
2100HT-471	470	2.0	314.4	0.29	0.35	0.79	0.022
2100HT-561	560	1.9	366.9	0.32	0.35	0.79	0.022
2100HT-681	680	1.8	435.1	0.35	0.35	0.79	0.022
2100HT-821	820	1.7	512.0	0.39	0.37	0.81	0.022
2100HT-102	1000	1.6	608.2	0.43	0.37	0.81	0.022

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

Low Core Loss, High Current Toroid Inductors

Special Features

- Low core loss
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Operating temperature: -55 to +125 °C

Typical Applications

- Switch mode power supplies
- DC/DC converters
- Output chokes
- EMI filters

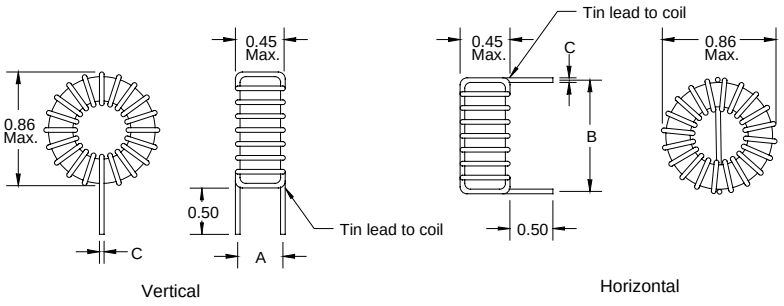
Notes

* Rated Idc causes a 30 °C temperature rise

** Insert -H or -V for mounting style before -RC

2100LL Series							
Part Number **	L (µH) ± 20 % @ 1 KHz	Idc* (A)	L (µH) ±20 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2100LL-1R0-RC	1.0	21.4	0.8	0.002	0.37	0.80	0.053
2100LL-1R5-RC	1.5	18.5	1.1	0.002	0.37	0.80	0.053
2100LL-2R2-RC	2.2	16.5	1.5	0.003	0.37	0.80	0.053
2100LL-3R3-RC	3.3	15.1	2.1	0.003	0.37	0.80	0.053
2100LL-4R7-RC	4.7	14.0	2.9	0.003	0.37	0.80	0.053
2100LL-5R6-RC	5.6	13.1	3.3	0.004	0.37	0.80	0.053
2100LL-6R8-RC	6.8	12.3	3.9	0.004	0.37	0.80	0.053
2100LL-8R2-RC	8.2	11.7	4.5	0.005	0.37	0.80	0.053
	± 15 %		± 15 %				
2100LL-100-RC	10	11.4	5.2	0.005	0.37	0.80	0.053
2100LL-120-RC	12	10.9	6.1	0.006	0.37	0.80	0.053
2100LL-150-RC	15	10.5	7.3	0.006	0.37	0.80	0.053
2100LL-180-RC	18	10.1	8.5	0.007	0.37	0.80	0.053
2100LL-220-RC	22	7.5	11.8	0.012	0.35	0.78	0.042
2100LL-270-RC	27	7.3	14.2	0.012	0.35	0.78	0.042
2100LL-330-RC	33	6.9	16.6	0.014	0.35	0.78	0.042
2100LL-390-RC	39	6.6	18.8	0.015	0.35	0.78	0.042
2100LL-470-RC	47	5.2	25.3	0.024	0.33	0.76	0.034
2100LL-560-RC	56	5.0	29.3	0.026	0.33	0.76	0.034
2100LL-680-RC	68	4.7	34.0	0.030	0.40	0.76	0.034
2100LL-820-RC	82	4.6	39.9	0.032	0.40	0.76	0.034
2100LL-101-RC	100	4.3	46.2	0.036	0.40	0.76	0.034
2100LL-121-RC	120	4.1	53.5	0.039	0.40	0.76	0.034
2100LL-151-RC	150	3.9	63.8	0.043	0.40	0.76	0.034
2100LL-181-RC	180	3.7	73.3	0.048	0.40	0.76	0.034
2100LL-221-RC	220	3.5	85.1	0.053	0.40	0.76	0.034
2100LL-271-RC	270	2.7	124.2	0.093	0.37	0.74	0.027
2100LL-331-RC	330	2.5	145.1	0.103	0.37	0.74	0.027
2100LL-391-RC	390	2.4	165.4	0.112	0.37	0.74	0.027
2100LL-471-RC	470	2.3	190.1	0.124	0.38	0.76	0.027
2100LL-561-RC	560	2.2	217.9	0.134	0.38	0.76	0.027
2100LL-681-RC	680	2.1	251.9	0.147	0.38	0.76	0.027
2100LL-821-RC	820	1.6	361.6	0.257	0.37	0.75	0.022
2100LL-102-RC	1000	1.5	421.5	0.284	0.37	0.75	0.022

Only available as RoHS compliant.



Dimensions: Inches

Special Features

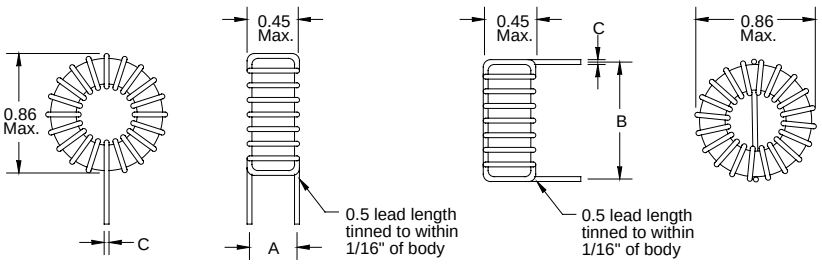
- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C

Notes

* Current to cause 30 °C max. temperature rise
Add -H or -V mounting style after P/N
Example : 2113-V

2100 Series							
Part Number	L (µH) ±15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR Ω Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2101-	10	10.8	6.3	0.006	0.34	0.77	0.053
2102-	12	10.3	7.4	0.007	0.34	0.77	0.053
2103-	15	7.7	10.2	0.012	0.33	0.76	0.042
2104-	18	7.4	11.9	0.013	0.33	0.76	0.042
2105-	22	7.0	14.2	0.015	0.33	0.76	0.042
2106-	27	5.3	19.1	0.026	0.32	0.75	0.034
2107-	33	5.0	22.8	0.029	0.32	0.75	0.034
2108-	39	4.8	26.4	0.032	0.32	0.75	0.034
2109-	47	3.6	34.7	0.055	0.31	0.75	0.027
2110-	56	3.4	40.6	0.060	0.31	0.75	0.027
2111-	68	3.3	48.3	0.067	0.31	0.75	0.027
2112-	100	2.4	75.2	0.13	0.31	0.74	0.022
2113-	120	2.2	88.5	0.15	0.31	0.74	0.022
2114-	150	3.4	84.3	0.062	0.35	0.79	0.034
2115-	180	2.6	113.1	0.11	0.34	0.77	0.027
2116-	220	2.4	134.4	0.12	0.34	0.77	0.027
2117-	270	1.8	181.6	0.21	0.33	0.76	0.022
2118-	330	1.7	216.3	0.23	0.33	0.76	0.022
2119-	390	1.7	250.1	0.25	0.33	0.76	0.022
2120-	470	1.6	293.8	0.28	0.35	0.76	0.022
2121-	560	1.5	341.5	0.30	0.35	0.79	0.022
2122-	680	1.4	403.2	0.33	0.35	0.79	0.022
2123-	820	1.4	472.8	0.37	0.35	0.79	0.022
2124-	1000	1.3	559.2	0.40	0.37	0.81	0.022

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

High Temperature, High Current Toroid Inductors

Special Features

- High temperature rating-up to +200 °C
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Low cost
- Operating temperature: -55 to +200 °C

Typical Applications

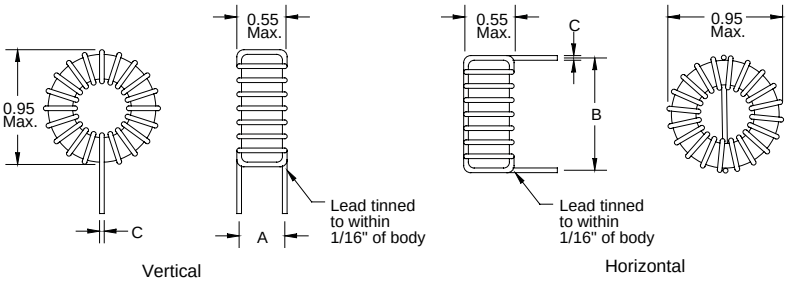
- High operating temperature environments
- DC/DC converters
- Output chokes
- EMI filters

Notes

* Rated Idc causes a 50 °C temperature rise
Add -H or -V mounting style after P/N
Example : 2200HT-390-H

2200HT Series							
Part Number	L (µH) ± 15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2200HT-1R2	1.2	23.8	1.0	0.003	0.46	0.88	0.053
2200HT-1R8	1.8	21.8	1.5	0.004	0.46	0.88	0.053
2200HT-2R2	2.2	20.1	1.8	0.005	0.46	0.88	0.053
2200HT-3R3	3.3	18.8	2.7	0.005	0.46	0.88	0.053
2200HT-3R9	3.9	17.8	3.1	0.006	0.46	0.88	0.053
2200HT-4R7	4.7	16.9	3.7	0.006	0.46	0.88	0.053
2200HT-5R6	5.6	16.1	4.4	0.007	0.46	0.88	0.053
2200HT-6R8	6.8	15.7	5.2	0.007	0.46	0.88	0.053
2200HT-8R2	8.2	15.1	6.2	0.008	0.46	0.88	0.053
2200HT-100	10	11.2	7.9	0.014	0.46	0.88	0.053
2200HT-120	12	10.9	9.4	0.015	0.46	0.88	0.053
2200HT-150	15	10.3	11.5	0.017	0.46	0.88	0.053
2200HT-180	18	9.7	13.6	0.018	0.46	0.88	0.053
2200HT-220	22	9.3	16.3	0.020	0.45	0.87	0.042
2200HT-270	27	8.9	19.7	0.022	0.45	0.87	0.042
2200HT-330	33	8.4	23.5	0.025	0.45	0.87	0.042
2200HT-390	39	8.1	27.4	0.026	0.45	0.87	0.042
2200HT-470	47	6.4	34.9	0.042	0.44	0.86	0.034
2200HT-560	56	6.1	40.9	0.046	0.44	0.86	0.034
2200HT-680	68	5.8	48.8	0.050	0.44	0.86	0.034
2200HT-820	82	5.6	57.6	0.055	0.48	0.90	0.034
2200HT-101	100	5.3	68.9	0.061	0.48	0.90	0.034
2200HT-121	120	5.0	80.8	0.067	0.48	0.90	0.034
2200HT-151	150	4.8	98.4	0.075	0.48	0.90	0.034
2200HT-181	180	4.6	115.6	0.082	0.48	0.90	0.034
2200HT-221	220	4.3	137.5	0.091	0.48	0.90	0.034
2200HT-271	270	3.3	184.8	0.16	0.46	0.88	0.027
2200HT-331	330	3.1	220.7	0.18	0.46	0.88	0.027
2200HT-391	390	3.0	255.2	0.19	0.46	0.88	0.027
2200HT-471	470	2.8	300.5	0.21	0.49	0.91	0.027
2200HT-561	560	2.7	350.3	0.23	0.49	0.91	0.027
2200HT-681	680	2.6	414.8	0.27	0.49	0.91	0.027
2200HT-821	820	2.0	548.5	0.44	0.49	0.91	0.022
2200HT-102	1000	1.9	653.1	0.49	0.49	0.91	0.022

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

Special Features

- Low core loss
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Operating temperature: -55 to +125 °C

Typical Applications

- Switch mode power supplies
- DC/DC converters
- Output chokes
- EMI filters

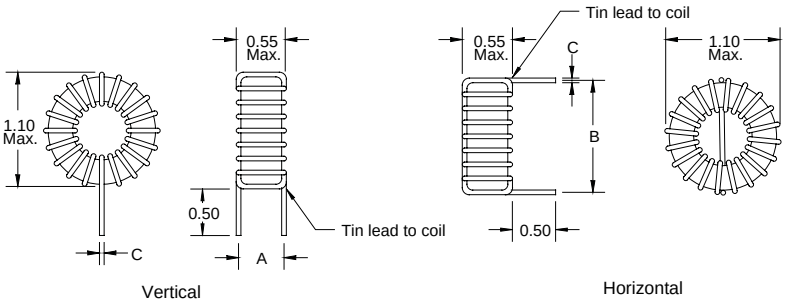
Notes

* Rated Idc causes a 30 °C temperature rise

** Insert -H or -V for mounting style before -RC

2200LL Series							
Part Number **	L (µH) ± 20 % @ 1 KHz	Idc* (A)	L (µH) ±20 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2200LL-1R0-RC	1.0	26.1	0.8	0.002	0.47	1.05	0.053
2200LL-1R8-RC	1.8	22.6	1.4	0.002	0.47	1.05	0.053
2200LL-2R7-RC	2.7	20.3	1.9	0.003	0.47	1.05	0.053
2200LL-3R9-RC	3.9	18.5	2.7	0.004	0.47	1.05	0.053
2200LL-4R7-RC	4.7	17.1	3.1	0.004	0.47	1.05	0.053
2200LL-6R8-RC	6.8	16.0	4.4	0.005	0.47	1.05	0.053
2200LL-8R2-RC	8.2	15.1	5.1	0.005	0.47	1.05	0.053
	± 15 %		± 15 %				
2200LL-100-RC	10	14.3	6.0	0.006	0.47	1.05	0.053
2200LL-120-RC	12	14.2	6.9	0.006	0.47	1.05	0.053
2200LL-150-RC	15	13.6	8.3	0.007	0.47	1.05	0.053
2200LL-180-RC	18	13.1	9.7	0.007	0.47	1.05	0.053
2200LL-220-RC	22	12.6	11.5	0.008	0.47	1.05	0.053
2200LL-270-RC	27	11.8	13.5	0.009	0.47	1.05	0.053
2200LL-330-RC	33	11.1	15.7	0.010	0.47	1.05	0.053
2200LL-390-RC	39	10.8	18.1	0.011	0.47	1.05	0.053
2200LL-470-RC	47	10.3	20.9	0.012	0.47	1.05	0.053
2200LL-560-RC	56	9.8	23.9	0.013	0.47	1.05	0.053
2200LL-680-RC	68	7.6	33.9	0.022	0.45	1.03	0.042
2200LL-820-RC	82	7.1	39.0	0.024	0.45	1.03	0.042
2200LL-101-RC	100	6.8	45.6	0.027	0.45	1.03	0.042
2200LL-121-RC	120	5.1	63.4	0.047	0.43	1.01	0.034
2200LL-151-RC	150	4.9	76.0	0.052	0.43	1.01	0.034
2200LL-181-RC	180	4.7	88.5	0.057	0.43	1.01	0.034
2200LL-221-RC	220	4.4	103.1	0.063	0.43	1.01	0.034
2200LL-271-RC	270	4.2	121.1	0.070	0.43	1.01	0.034
2200LL-331-RC	330	4.0	141.9	0.077	0.43	1.01	0.034
2200LL-391-RC	390	3.8	161.2	0.084	0.43	1.01	0.034
2200LL-471-RC	470	3.7	185.7	0.092	0.43	1.01	0.034
2200LL-561-RC	560	3.5	212.0	0.101	0.43	1.01	0.034
2200LL-681-RC	680	2.7	307.6	0.176	0.47	0.99	0.027
2200LL-821-RC	820	2.5	355.5	0.194	0.47	0.99	0.027
2200LL-102-RC	1000	2.4	412.5	0.216	0.47	0.99	0.027

Only available as RoHS compliant.



Dimensions: Inches

High Current Toroid Inductors

Special Features

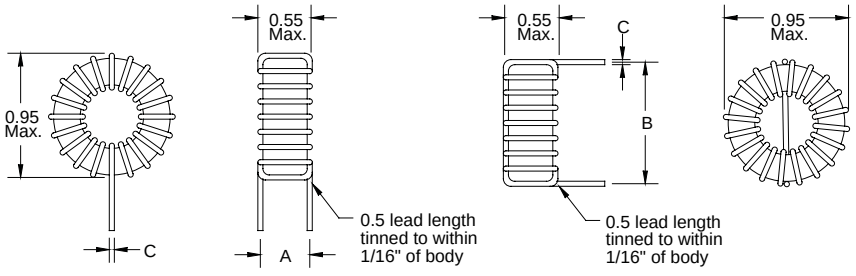
- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C

Notes

* Current to cause 30 °C max. temperature rise
Add -H or -V mounting style after P/N
Example : 2210-V

2200 Series							
Part Number	L (µH) ±15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR Ω Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2201-	10	12.5	6.7	0.007	0.46	0.88	0.053
2202-	12	12.0	7.9	0.008	0.46	0.88	0.053
2203-	15	11.3	9.6	0.008	0.46	0.88	0.053
2204-	18	10.8	11.3	0.009	0.46	0.88	0.053
2205-	22	10.3	13.4	0.010	0.46	0.88	0.053
2206-	27	9.8	16.0	0.011	0.46	0.88	0.053
2207-	33	7.4	21.6	0.020	0.45	0.87	0.042
2208-	39	7.1	25.0	0.022	0.45	0.87	0.042
2209-	47	6.7	29.3	0.024	0.45	0.87	0.042
2210-	56	6.4	34.1	0.026	0.45	0.87	0.042
2211-	68	4.9	45.7	0.046	0.44	0.86	0.034
2212-	100	4.4	64.0	0.056	0.44	0.86	0.034
2213-	120	3.3	84.4	0.098	0.44	0.86	0.027
2214-	150	3.1	102.7	0.11	0.44	0.86	0.027
2215-	180	3.8	105.9	0.075	0.48	0.9	0.034
2216-	220	3.6	125.6	0.083	0.48	0.9	0.034
2217-	270	3.4	149.4	0.092	0.48	0.9	0.034
2218-	330	3.3	176.8	0.10	0.48	0.9	0.034
2219-	390	2.5	235.3	0.18	0.46	0.88	0.027
2220-	470	2.3	275.9	0.19	0.46	0.88	0.027
2221-	560	2.2	320.1	0.21	0.46	0.88	0.027
2222-	680	2.1	377.2	0.23	0.49	0.91	0.027
2223-	820	2.0	441.5	0.26	0.49	0.91	0.027
2224-	1000	1.9	521.3	0.28	0.49	0.91	0.027

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

High Temperature, High Current Toroid Inductors

Special Features

- High temperature rating -up to +200 °C
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Low cost
- Operating temperature: -55 to +200 °C

Typical Applications

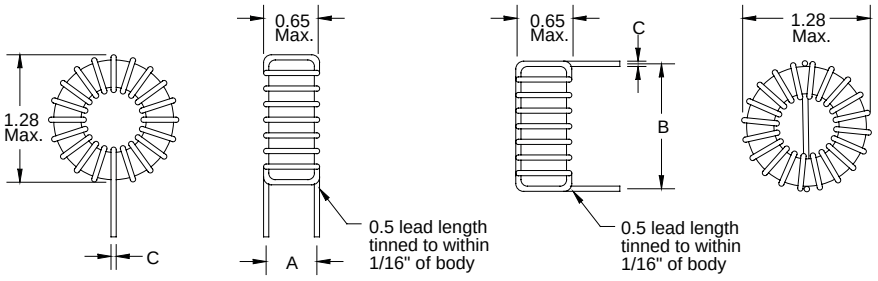
- High operating temperature environments
- DC/DC converters
- Output chokes
- EMI filters

Notes

* Rated Idc causes a 50 °C temperature rise
Add -H or -V mounting style after P/N
Example : 2300HT-100-H

2300HT Series							
Part Number	L (µH) ± 15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2300HT-1R2	1.2	38.7	1.0	0.002	0.56	1.18	0.066
2300HT-1R8	1.8	34.6	1.5	0.003	0.56	1.18	0.066
2300HT-2R7	2.7	31.6	2.2	0.003	0.56	1.18	0.066
2300HT-3R9	3.9	29.2	3.1	0.004	0.56	1.18	0.066
2300HT-4R7	4.7	27.3	3.7	0.004	0.56	1.18	0.066
2300HT-5R6	5.6	25.8	4.3	0.005	0.56	1.18	0.066
2300HT-6R8	6.8	24.5	5.1	0.005	0.56	1.18	0.066
2300HT-8R2	8.2	24.3	6.0	0.005	0.56	1.18	0.066
2300HT-100	10	23.3	7.2	0.006	0.56	1.18	0.066
2300HT-120	12	22.4	8.5	0.006	0.56	1.18	0.066
2300HT-150	15	20.8	10.3	0.007	0.56	1.18	0.066
2300HT-180	18	20.2	12.2	0.007	0.56	1.18	0.066
2300HT-220	22	19.0	14.5	0.008	0.56	1.18	0.066
2300HT-270	27	14.3	19.2	0.014	0.53	1.14	0.053
2300HT-330	33	13.6	23.0	0.015	0.53	1.14	0.053
2300HT-390	39	13.0	26.7	0.017	0.53	1.14	0.053
2300HT-470	47	10.0	34.7	0.028	0.52	1.13	0.042
2300HT-560	56	9.7	40.8	0.030	0.52	1.13	0.042
2300HT-680	68	9.2	48.5	0.034	0.52	1.13	0.042
2300HT-820	82	8.8	57.4	0.037	0.52	1.13	0.042
2300HT-101	100	8.3	68.3	0.041	0.56	1.17	0.042
2300HT-121	120	8.0	80.5	0.045	0.56	1.17	0.042
2300HT-151	150	7.5	97.9	0.050	0.56	1.17	0.042
2300HT-181	180	7.2	114.5	0.055	0.56	1.17	0.042
2300HT-221	220	6.8	136.6	0.061	0.56	1.17	0.042
2300HT-271	270	6.5	163.2	0.067	0.56	1.17	0.042
2300HT-331	330	4.9	218.3	0.10	0.54	1.16	0.037
2300HT-391	390	4.7	252.8	0.13	0.54	1.16	0.037
2300HT-471	470	4.5	297.9	0.14	0.54	1.16	0.037
2300HT-561	560	3.4	389.1	0.24	0.53	1.14	0.027
2300HT-681	680	3.2	461.4	0.27	0.53	1.14	0.027
2300HT-821	820	3.1	545.2	0.30	0.53	1.14	0.027
2300HT-102	1000	2.9	648.2	0.33	0.58	1.17	0.027

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

Low Core Loss, High Current Toroid Inductors

Special Features

- Low core loss
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Operating temperature: -55 to +125 °C

Typical Applications

- Switch mode power supplies
- DC/DC converters
- Output chokes
- EMI filters

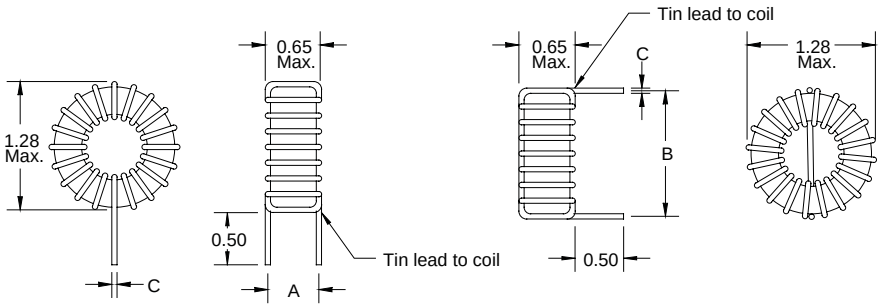
Notes

* Rated Idc causes a 30 °C temperature rise

** Insert -H or -V for mounting style before -RC

2300LL Series							
Part Number**	L (µH) ± 20 % @ 1 KHz	Idc* (A)	L (µH) ±20 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2300LL-1R5-RC	1.5	34.0	1.1	0.001	0.59	1.21	0.066
2300LL-2R7-RC	2.7	29.4	1.9	0.002	0.59	1.21	0.066
2300LL-3R9-RC	3.9	26.3	2.6	0.002	0.59	1.21	0.066
2300LL-5R6-RC	5.6	24.0	3.5	0.003	0.59	1.21	0.066
2300LL-8R2-RC	8.2	22.3	4.9	0.003	0.59	1.21	0.066
	± 15 %		± 15 %				
2300LL-100-RC	10	20.8	5.8	0.004	0.59	1.21	0.066
2300LL-120-RC	12	19.6	6.7	0.004	0.59	1.21	0.066
2300LL-150-RC	15	18.6	8.0	0.005	0.59	1.21	0.066
2300LL-180-RC	18	18.5	9.0	0.005	0.59	1.21	0.066
2300LL-220-RC	22	17.7	10.6	0.005	0.59	1.21	0.066
2300LL-270-RC	27	17.0	12.6	0.006	0.59	1.21	0.066
2300LL-330-RC	33	13.0	17.9	0.010	0.56	1.18	0.053
2300LL-390-RC	39	12.2	20.1	0.011	0.56	1.18	0.053
2300LL-470-RC	47	11.8	23.7	0.012	0.56	1.18	0.053
2300LL-560-RC	56	8.9	31.9	0.020	0.54	1.16	0.042
2300LL-680-RC	68	8.5	37.4	0.023	0.54	1.16	0.042
2300LL-820-RC	82	8.1	43.7	0.025	0.54	1.16	0.042
2300LL-101-RC	100	7.8	51.7	0.027	0.54	1.16	0.042
2300LL-121-RC	120	7.4	59.3	0.030	0.54	1.16	0.042
2300LL-151-RC	150	7.0	71.1	0.033	0.54	1.16	0.042
2300LL-181-RC	180	6.7	82.1	0.037	0.54	1.16	0.042
2300LL-221-RC	220	5.1	116.6	0.063	0.52	1.14	0.034
2300LL-271-RC	270	4.8	137.7	0.070	0.52	1.14	0.034
2300LL-331-RC	330	4.6	160.8	0.079	0.52	1.14	0.034
2300LL-391-RC	390	4.4	183.6	0.085	0.52	1.14	0.034
2300LL-471-RC	470	4.2	212.5	0.094	0.52	1.14	0.034
2300LL-561-RC	560	4.0	243.6	0.103	0.52	1.14	0.034
2300LL-681-RC	680	3.8	283.0	0.113	0.52	1.14	0.034
2300LL-821-RC	820	3.6	327.4	0.123	0.52	1.14	0.034
2300LL-102-RC	1000	3.5	378.9	0.137	0.52	1.14	0.034

Only available as RoHS compliant.



Dimensions: Inches

Special Features

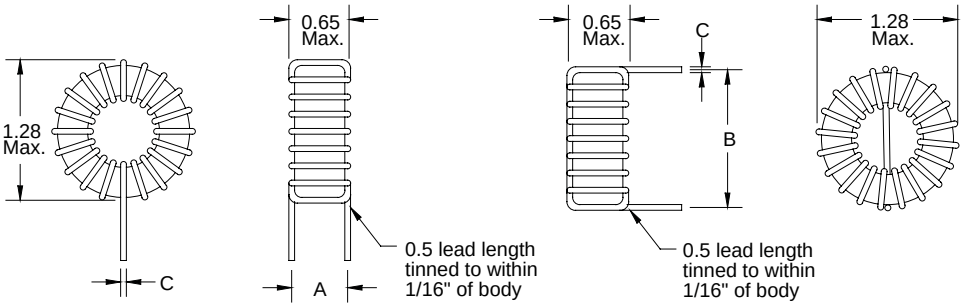
- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C

Notes

* Current to cause 30 °C max. temperature rise
Add -H or -V mounting style after P/N
Example : 2314-V

2300 Series							
Part Number	L (µH) ±15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR Ω Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2301-	10	20.0	6.7	0.005	0.56	1.18	0.066
2302-	12	19.1	7.8	0.005	0.56	1.18	0.066
2303-	15	18.0	9.5	0.006	0.56	1.18	0.066
2304-	18	17.2	11.1	0.006	0.56	1.18	0.066
2305-	22	16.4	13.2	0.007	0.56	1.18	0.066
2306-	27	15.6	15.7	0.008	0.56	1.18	0.066
2307-	33	11.7	21.3	0.013	0.53	1.14	0.053
2308-	39	11.2	24.7	0.014	0.53	1.14	0.053
2309-	47	10.7	29.0	0.016	0.53	1.14	0.053
2310-	56	10.2	33.7	0.017	0.53	1.14	0.053
2311-	68	7.7	45.2	0.030	0.52	1.13	0.042
2312-	100	7.0	63.1	0.037	0.52	1.13	0.042
2313-	120	6.7	73.9	0.040	0.52	1.13	0.042
2314-	150	5.0	101.4	0.071	0.51	1.12	0.034
2315-	180	4.8	118.9	0.078	0.51	1.12	0.034
2316-	220	5.8	123.8	0.054	0.56	1.17	0.042
2317-	270	5.5	147.2	0.060	0.56	1.17	0.042
2318-	330	5.2	174.1	0.067	0.56	1.17	0.042
2319-	390	5.0	200.2	0.072	0.56	1.17	0.042
2320-	470	3.8	271.4	0.13	0.54	1.16	0.034
2321-	560	3.6	314.8	0.14	0.54	1.16	0.034
2322-	680	3.4	370.7	0.15	0.54	1.16	0.034
2323-	820	2.6	500.9	0.27	0.53	1.14	0.027
2324-	1000	2.4	593.6	0.30	0.53	1.14	0.027

For RoHS compliant version, add "-RC" to part number.

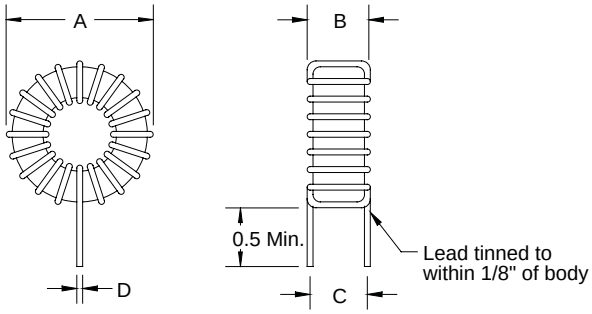


Dimensions: Inches

High Current Toroid Inductors

Features

- Low radiation
- High current capacity
- High inductance
- Increase inductance with AC excitation current to compensate reduced inductance with DC bias
- Low cost
- Operating temperature: -55 to 105 °C



Dimensions: Inches

5700 Series								
Part Number	L (µH) ±15 % @ 1 KHz	I (A) Max.	L (µH) ±15 % @ I rated	DCR Ω Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.	Dim. D Nom.
5701	10	11.00	5	0.008	0.875	0.437	0.32	0.064
5702	25	5.50	12	0.014	0.875	0.437	0.30	0.040
5703	125	2.75	70	0.12	0.875	0.437	0.30	0.020
5704	275	2.00	150	0.24	0.875	0.437	0.30	0.016
5705	450	1.50	250	0.49	0.875	0.437	0.30	0.012
5706	25	9.00	15	0.012	1.125	0.562	0.45	0.064
5707	75	5.00	40	0.04	1.125	0.562	0.42	0.036
5708	400	2.25	225	0.33	1.125	0.562	0.42	0.018
5709	800	1.75	475	0.64	1.125	0.562	0.42	0.015
5710	1000	1.50	575	0.98	1.125	0.562	0.40	0.012
5711	50	9.50	25	0.012	1.250	0.625	0.53	0.064
5712	150	4.75	85	0.046	1.250	0.625	0.50	0.036
5713	700	2.25	400	0.42	1.250	0.625	0.50	0.018
5714	1250	1.75	750	0.85	1.250	0.625	0.48	0.015
5715	1600	1.50	950	1.27	1.250	0.625	0.48	0.012
5716	125	7.75	65	0.032	1.812	0.750	0.68	0.064
5717	500	4.00	275	0.15	1.812	0.750	0.65	0.032
5718	1100	2.50	650	0.33	1.812	0.750	0.65	0.025
5719	2250	1.75	1350	0.92	1.812	0.750	0.65	0.018
5720	4500	1.25	2700	2.64	1.812	0.750	0.65	0.012
5721	250	8.00	125	0.041	2.125	0.937	0.79	0.062
5722	900	3.75	500	0.175	2.125	0.937	0.75	0.032
5723	1800	2.50	1000	0.55	2.125	0.937	0.75	0.023
5724	4000	1.75	2100	1.16	2.125	0.937	0.74	0.018
5725	8000	1.00	4500	3.34	2.125	0.937	0.74	0.012
5726	25	2.50	16	0.040	0.550	0.220	0.21	0.020
5727	35	2.50	29	0.035	0.700	0.320	0.30	0.025
5728	50	2.50	35	0.060	0.750	0.320	0.28	0.020
5729	100	2.50	70	0.080	0.850	0.360	0.33	0.020
5730	70	3.00	50	0.050	0.850	0.360	0.33	0.025
5731	40	4.00	30	0.025	0.850	0.360	0.34	0.032

For RoHS compliant version, add "-RC" to part number.

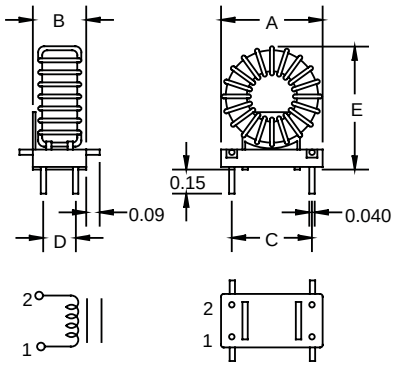
High Current Toroid Inductors (with header)

Special Features

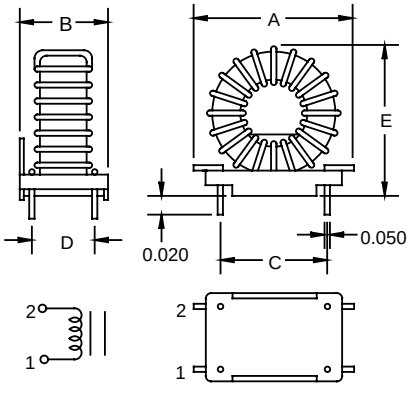
- Low radiation
- High current capacity
- High inductance
- Mounted on VW-1 rated header
- Fixed pins for easy PCB insertion
- Operating temperature: -55 to +105 °C

6700 Series									
Part Number	L (µH) ±15 % @ 1 KHz	I (A) Max.	L (µH) Min. @ I rated	DCR Ω Max.	Dim. A Max.	Dim. B Max.	Dim. C ±0.015	Dim. D ±0.015	Dim. E Max.
6701	10	11.0	5	0.008	0.875	0.425	0.600	0.250	1.00
6702	25	5.50	12	0.014	0.875	0.425	0.600	0.250	1.00
6703	125	2.75	70	0.12	0.875	0.425	0.600	0.250	1.00
6704	275	2.00	150	0.24	0.875	0.425	0.600	0.250	1.00
6705	450	1.50	250	0.49	0.875	0.425	0.600	0.250	1.00
6706	25	9.00	15	0.012	1.125	0.600	0.800	0.400	1.25
6707	75	5.00	40	0.04	1.125	0.600	0.800	0.400	1.25
6708	400	2.25	225	0.33	1.125	0.600	0.800	0.400	1.25
6709	800	1.75	475	0.64	1.125	0.600	0.800	0.400	1.25
6710	1000	1.50	675	0.98	1.125	0.600	0.800	0.400	1.25
6711	50	9.50	25	0.012	1.250	0.800	0.900	0.600	1.375
6712	150	4.75	85	0.046	1.250	0.800	0.900	0.600	1.375
6713	700	2.25	400	0.42	1.250	0.800	0.900	0.600	1.375
6714	1250	1.75	750	0.85	1.250	0.800	0.900	0.600	1.375
6715	1600	1.50	950	1.27	1.250	0.800	0.900	0.600	1.375
6716	125	7.75	65	0.032	1.812	0.900	1.200	0.700	1.95
6717	500	4.00	275	0.15	1.812	0.900	1.200	0.700	1.95
6718	1100	2.50	650	0.33	1.812	0.900	1.200	0.700	1.95
6719	2250	1.75	1350	0.92	1.812	0.900	1.200	0.700	1.95
6720	4500	1.25	2700	2.64	1.812	0.900	1.200	0.700	1.95
6721	250	8.00	125	0.041	2.125	1.100	1.500	0.900	2.25
6722	900	3.75	500	0.175	2.125	1.100	1.500	0.900	2.25
6723	1800	2.50	1000	0.55	2.125	1.100	1.500	0.900	2.25
6724	4000	1.75	2100	1.16	2.125	1.100	1.500	0.900	2.25
6725	8000	1.00	4500	3.34	2.125	1.100	1.500	0.900	2.25
6726	25	2.50	16	0.040	0.550	0.425	0.600	0.250	1.00
6727	35	2.50	29	0.035	0.700	0.425	0.600	0.250	1.00
6728	50	2.50	35	0.060	0.750	0.425	0.600	0.250	1.00
6729	100	2.50	70	0.080	0.850	0.425	0.600	0.250	1.00
6730	70	3.00	50	0.050	0.850	0.425	0.600	0.250	1.00
6731	40	4.00	30	0.025	0.850	0.425	0.600	0.250	1.00

For RoHS compliant version, add "-RC" to part number.



6701-6705 & 6726-6731



6706-6725

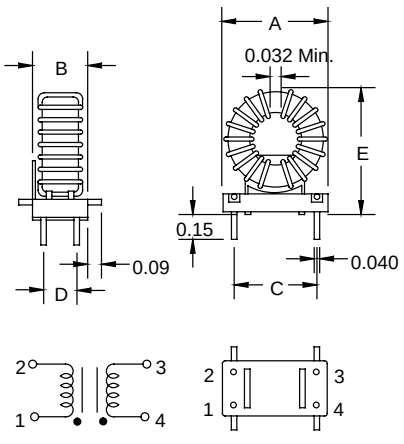
Dimensions: Inches

Special Features

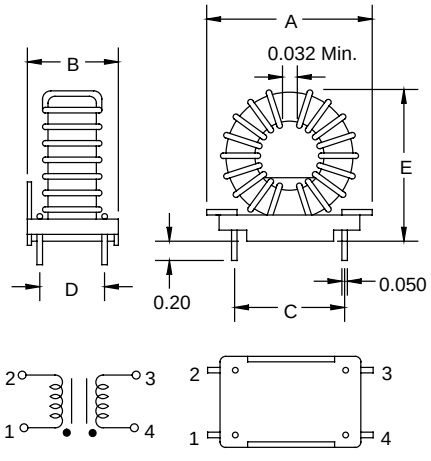
- Dual winding
- Low radiation
- High current capacity
- High inductance
- Dielectric strength 1000 Vrms
- Mounted on VW-1 rated header
- Fixed pins for easy PCB insertion
- Operating temperature -55 to +105 °C

7000 Series									
Part Number	L (µH) ±15 % @ 1 KHz	Idc (A)	L (µH) ±15 % @ I rated	DCR Ω Max.	Dim. A Max.	Dim. B Max.	Dim. C ±0.015	Dim. D ±0.015	Dim. E Max.
7001	2.5	11.0	1.25	0.004	0.875	0.425	0.600	0.250	1.00
7002	6.0	5.50	3.0	0.007	0.875	0.425	0.600	0.250	1.00
7003	31.25	2.75	17.5	0.060	0.875	0.425	0.600	0.250	1.00
7004	68.75	2.00	37.5	0.120	0.875	0.425	0.600	0.250	1.00
7005	112.5	1.50	62.5	0.245	0.875	0.425	0.600	0.250	1.00
7006	6.25	9.00	3.75	0.006	1.125	0.600	0.800	0.400	1.25
7007	18.75	5.00	10	0.020	1.125	0.600	0.800	0.400	1.25
7008	100	2.25	56.25	0.165	1.125	0.600	0.800	0.400	1.25
7009	200	1.75	118.75	0.320	1.125	0.600	0.800	0.400	1.25
7010	250	1.50	143.75	0.470	1.125	0.600	0.800	0.400	1.25
7011	12.5	9.50	6.25	0.006	1.25	0.800	0.900	0.600	1.375
7012	37.5	4.75	21.25	0.023	1.25	0.800	0.900	0.600	1.375
7013	175	2.25	100	0.210	1.25	0.800	0.900	0.600	1.375
7014	312.5	1.75	187.5	0.430	1.25	0.800	0.900	0.600	1.375
7015	400	1.50	237.5	0.640	1.25	0.800	0.900	0.600	1.375
7016	31.25	7.75	16.25	0.016	1.812	0.900	1.20	0.700	1.95
7017	125	4.00	68.75	0.075	1.812	0.900	1.20	0.700	1.95
7018	275	2.50	162.5	0.165	1.812	0.900	1.20	0.700	1.95
7019	562.5	1.75	281.25	0.460	1.812	0.900	1.20	0.700	1.95
7020	1125	1.25	562.5	1.320	1.812	0.900	1.20	0.700	1.95
7021	62.5	8.00	31.75	0.021	2.125	1.10	1.50	0.900	2.25
7022	225	3.75	125	0.088	2.125	1.10	1.50	0.900	2.25
7023	450	2.50	250	0.240	2.125	1.10	1.50	0.900	2.25
7024	1000	1.75	525	0.580	2.125	1.10	1.50	0.900	2.25
7025	2000	1.00	1125	1.670	2.125	1.10	1.50	0.900	2.25

For RoHS compliant version, add "-RC" to part number.



7001-7005



7006-7025

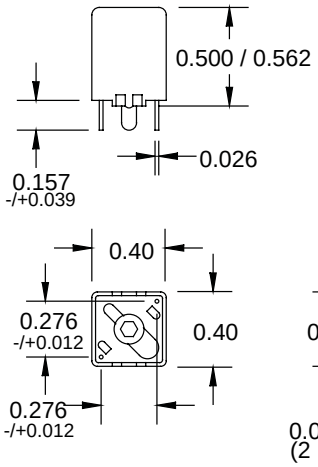
Dimensions: Inches

Special Features

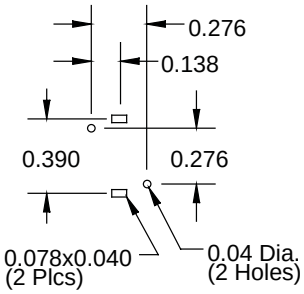
- Precision molded in plastic
- Stable electrical characteristics
- High Q
- Low cost
- Fixed lead spacing
- Operating temperature -55 to +105 °C

4900 Series						
Part Number	L (µH) Min.	Q Min.	L (µH) Max.	Q Min.	Test Freq. (MHz)	Style
4901-S	0.037	80	0.039	85	80	Shielded
4902-S	0.059	75	0.071	95	75	Shielded
4903-S	0.086	75	0.107	90	75	Shielded
4904-S	0.117	50	0.159	90	50	Shielded
4905-S	0.150	45	0.208	80	45	Shielded
4906-S	0.184	45	0.262	70	45	Shielded
4907-S	0.226	45	0.311	65	45	Shielded
4908-S	0.258	45	0.363	60	45	Shielded
4909-S	0.296	45	0.417	55	45	Shielded
4910-S	0.335	45	0.454	50	45	Shielded
4901	0.041	80	0.050	136	80	Unshielded
4902	0.070	75	0.100	139	75	Unshielded
4903	0.103	75	0.152	133	75	Unshielded
4904	0.148	50	0.252	162	50	Unshielded
4905	0.193	45	0.337	142	45	Unshielded
4906	0.238	45	0.417	122	45	Unshielded
4907	0.286	45	0.508	105	45	Unshielded
4908	0.339	45	0.600	89	45	Unshielded
4909	0.390	45	0.691	76	45	Unshielded
4910	0.460	45	0.788	72	45	Unshielded

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches



PCB layout

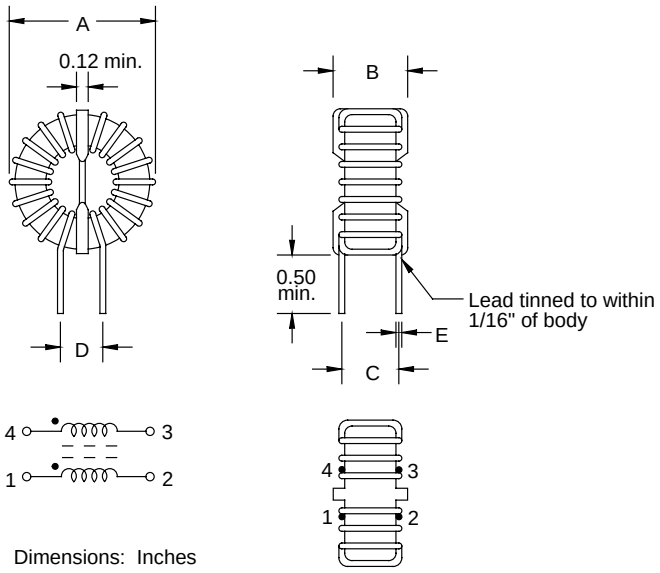
Common Mode EMI Chokes

Special Features

- Reduce conductive EMI emission
- High current capacity
- High impedance at low frequency
- Dielectric strength 3750 Vrms
- Coil wound on VW-1 rated plastic cased ferrite core
- Operating temperature -55 to +105 °C

7100 Series								
Part Number	L (mH) ±15 % @ 1 KHz	I, DC (A)	DCR (Ω) Max.	Dim. A Max.	Dim. B Max.	Im. C Nom.	Dim. D Nom.	Dim. E. Nom.
7101	0.6	1.0	0.040	0.600	0.450	0.400	0.200	0.016
7102	1.0	1.0	0.060	0.600	0.450	0.400	0.200	0.016
7103	2.0	1.0	0.070	0.600	0.450	0.400	0.200	0.016
7104	3.0	1.0	0.100	0.600	0.450	0.400	0.200	0.016
7105	5.0	1.0	0.125	0.600	0.450	0.400	0.200	0.016
7106	0.6	2.0	0.030	0.600	0.450	0.400	0.200	0.020
7107	1.0	2.0	0.040	0.600	0.450	0.400	0.200	0.020
7108	2.0	2.0	0.060	0.600	0.450	0.400	0.200	0.020
7109	3.0	2.0	0.075	0.600	0.450	0.400	0.200	0.020
7110	0.6	3.0	0.020	0.600	0.450	0.400	0.200	0.023
7111	1.0	3.0	0.030	0.600	0.450	0.400	0.200	0.023
7112	1.0	2.0	0.050	0.800	0.550	0.500	0.300	0.023
7113	2.0	2.0	0.075	0.800	0.550	0.500	0.300	0.023
7114	3.0	2.0	0.085	0.800	0.550	0.500	0.300	0.023
7115	5.0	2.0	0.110	0.800	0.550	0.500	0.300	0.023
7116	8.0	2.0	0.200	0.800	0.550	0.500	0.300	0.023
7117	1.0	5.0	0.035	0.800	0.550	0.500	0.300	0.030
7118	2.0	5.0	0.040	1.20	0.800	0.700	0.400	0.030
7119	5.0	4.0	0.046	1.20	0.800	0.700	0.400	0.030
7120	8.0	4.0	0.060	1.20	0.800	0.700	0.400	0.030
7121	50	2.0	0.200	1.20	0.800	0.700	0.400	0.023
7122	30	4.0	0.130	1.20	0.800	0.700	0.400	0.030
7123	11	5.0	0.072	1.20	0.800	0.700	0.400	0.036
7124	3.0	10	0.020	1.20	0.800	0.700	0.400	0.046

For RoHS compliant version, add "-RC" to part number.



Dimensions: Inches

Special Features

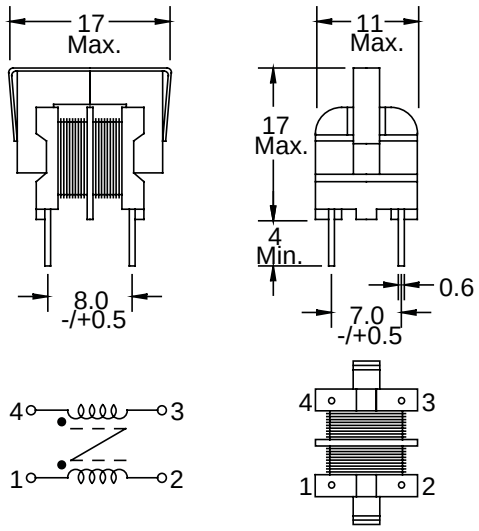
- Reduces conductive EMI emission
- High inductance, compact size
- High attenuation at low frequency
- Dielectric strength 3750 Vrms
- Coil wound on VW-1 rated plastic bobbin
- Core mounted horizontal or vertical
- Operating temperature -55 to +105 °C

Notes

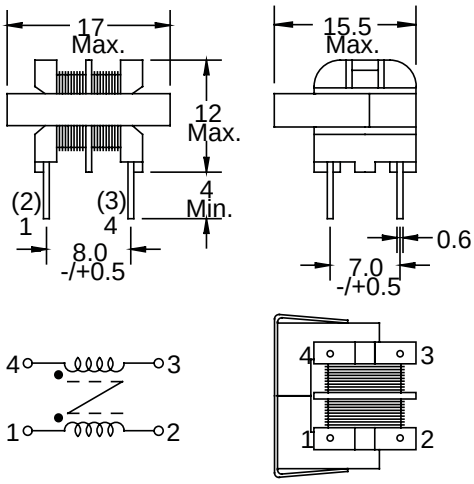
* Rated current to cause 35 °C max. temperature rise
Add -H or -V mounting style after P/N
Example : 7355-V

7300 Series			
Part Number	L (mH) Min. @ 1 KHz	I, DC* (A)	DCR (Ω) Max.
7350	0.5	1.5	0.12
7351	1	1.2	0.22
7352	2	0.85	0.4
7353	5	0.5	1.0
7354	8	0.4	2.0
7355	10	0.35	2.2
7356	22	0.27	4.0

For RoHS compliant version, add "-RC" to part number.



Vertical Core Mount



Horizontal Core Mount

Dimensions: mm

Special Features

- Reduces conductive EMI emission
- High inductance, compact size
- High attenuation at low frequency
- Rated voltage: 250 VAC
- Dielectric strength: 3750 Vrms
- VW-1 rated plastic bobbin
- Operating temperature: -55 to +105 °C

Typical Applications

- Line filter for switch mode power supplies
- Desk top computers
- TV, VCR, DVD and audio equipment
- Battery chargers
- Office equipment
- Industrial electronics
- EMI filters

Notes

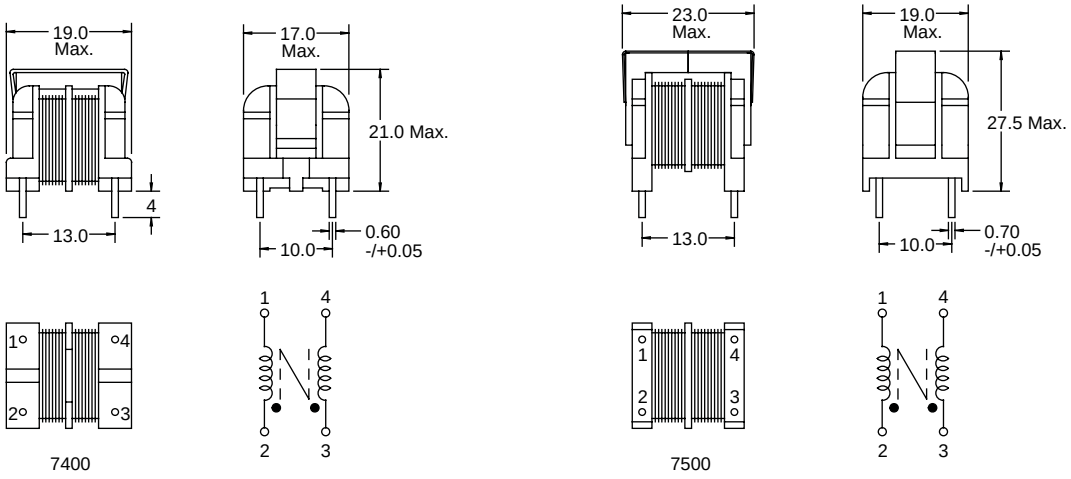
* Rated Idc causes a 35 °C temperature rise

7400 Series			
Part Number	L (mH) Min. @ 1 KHz	DCR (Ω) Max.	I (A)* Max.
7402-RC	0.6	0.046	2.8
7404-RC	1.0	0.049	2.4
7406-RC	2.0	0.11	1.8
7408-RC	5.0	0.28	1.1
7410-RC	8.0	0.44	0.9
7412-RC	10.0	0.50	0.8
7414-RC	20.0	1.11	0.6
7416-RC	30.0	1.73	0.5
7418-RC	45.0	2.68	0.4

Only available as RoHS compliant.

7500 Series			
Part Number	L (mH) Min. @ 1 KHz	DCR (Ω) Max.	I (A)* Max.
7502-RC	0.6	0.025	4.4
7504-RC	1.0	0.033	3.6
7506-RC	2.0	0.058	2.9
7508-RC	5.0	0.10	2.3
7510-RC	8.0	0.20	1.6
7512-RC	10.0	0.22	1.5
7514-RC	20.0	0.49	1.0
7516-RC	30.0	0.76	0.8
7518-RC	45.0	1.18	0.7

Only available as RoHS compliant.



Dimensions: mm
Tolerance: -/+ 0.2

Common Mode Inductors (with Header)

Special Features

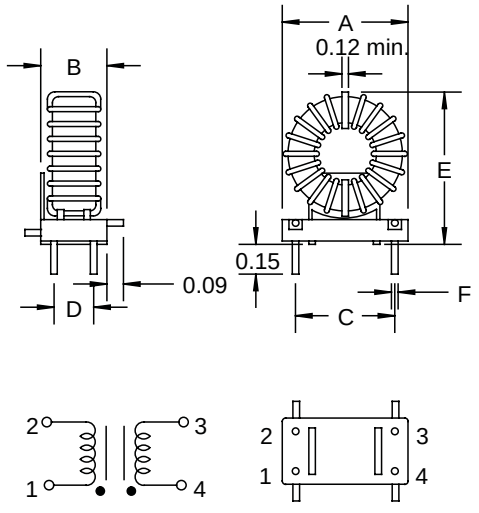
- Single layer wound
- Excellent EMI suppression capability over wide frequency spectrum
- High current capacity
- Dielectric strength: 1500 Vrms
- Coil mount on VW-1 rated plastic header
- Fixed pin spacing allow easy PCB insertion
- Operating temperature: -55 to +105 °C

Notes

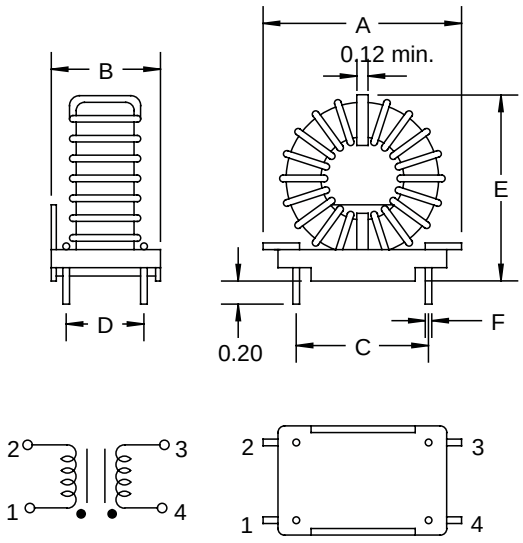
* Rated current to cause approx. 35 °C temperature rise

8100 Series									
Part Number	L (mH) Min. @ 1 KHz	I (A)* Max.	DCR (Ω) Max.	Dim. A Max.	Dim. B ±0.01	Dim. C ±0.015	Dim. D ±0.015	Dim. E Max.	Dim. F Max.
8101	4	1.7	0.173	0.76	0.425	0.600	0.250	0.90	0.040
8102	2.5	2.4	0.09	0.76	0.425	0.600	0.250	0.90	0.040
8103	1	4.8	0.022	0.76	0.425	0.600	0.250	0.90	0.040
8104	10	2.4	0.17	1.20	0.60	0.800	0.400	1.20	0.050
8105	7	2.8	0.12	1.20	0.60	0.800	0.400	1.20	0.050
8106	5	3.7	0.07	1.20	0.60	0.800	0.400	1.20	0.050
8107	2	6.6	0.022	1.20	0.60	0.800	0.400	1.20	0.050
8108	1	10	0.01	1.20	0.60	0.800	0.400	1.20	0.050
8109	30	2.3	0.33	1.35	0.80	0.900	0.600	1.45	0.050
8110	20	2.9	0.21	1.35	0.80	0.900	0.600	1.45	0.050
8111	12	4	0.11	1.35	0.80	0.900	0.600	1.45	0.050
8112	8	5.6	0.055	1.35	0.80	0.900	0.600	1.45	0.050
8113	5	8.9	0.022	1.45	0.80	0.900	0.600	1.50	0.043
8114	2.5	12.5	0.011	1.45	0.80	0.900	0.600	1.50	0.053
8115	1.2	16	0.006	1.50	0.80	0.900	0.600	1.53	0.060
8116	50	2.3	0.45	1.55	0.80	0.900	0.600	1.65	0.050
8117	36	2.9	0.3	1.55	0.80	0.900	0.600	1.65	0.050
8118	7.3	9.3	0.032	1.65	0.80	0.900	0.600	1.65	0.043
8119	4	14.5	0.012	1.70	0.90	1.200	0.700	1.65	0.060
8120	2.4	17	0.008	1.70	0.90	1.200	0.700	1.65	0.067
8121	1	20	0.007	1.70	0.90	1.200	0.700	1.65	0.067

For RoHS compliant version, add "-RC" to part number.



8101-8103



8104-8121

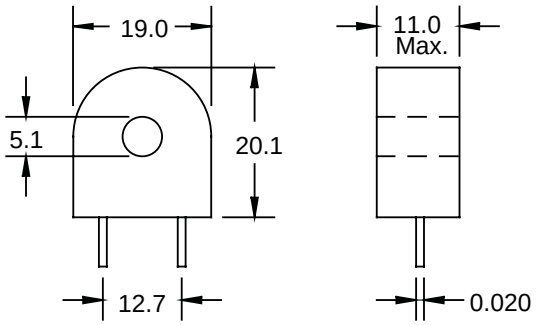
Dimensions: Inches

Special Features

- High accuracy
- Coil encapsulated in plastic case
- Fixed lead spacing

7200 Series						
Part Number	I Range (A)	Freq. Range (KHz)	Load Resis. (Ω)	Sec. Turns	Sec. L (mH) Min.	Sec. DCR (Ω)
7201	2 - 10	5 - 50	50	50	5	0.7
7202	2 - 20	5 - 50	100	100	20	1.4
7203	2 - 35	1 - 100	200	200	80	3.8

For RoHS compliant version, add "-RC" to part number.



Dimensions: mm

Signal Line Common Mode Inductors/Isolation Transformers

Special Features

- Excellent EMI suppression capability
- Excellent signal coupling
- Dielectric strength 500 Vrms
- Compact size
- Fixed pin spacing for easy PCB insertion
- Operating temperature -55 to +105 °C

Typical Applications

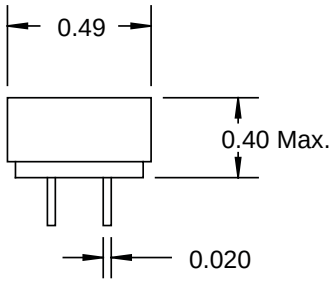
- Signal line EMI filtering
- Network switching boards
- Telephone systems
- Telecommunications

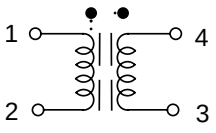
Notes

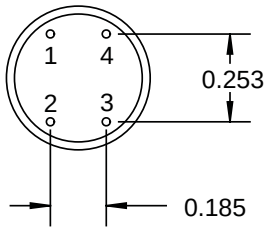
- Rated current to cause approx. 35 °C temperature rise

3000 Series			
Part Number	L (µH) ± 15 % @ 1 KHz	DCR (Ω) Max.	I, DC* (A)
3000-101	100	0.155	1.13
3000-121	120	0.166	1.09
3000-151	150	0.204	0.99
3000-181	180	0.259	0.81
3000-221	220	0.316	0.79
3000-271	270	0.345	0.76
3000-331	330	0.415	0.69
3000-391	390	0.515	0.62
3000-471	470	0.706	0.53
3000-561	560	0.742	0.52
3000-681	680	0.897	0.47
3000-821	820	1.16	0.41
	(mH)		
3000-102	1.0	1.38	0.38
3000-122	1.2	1.89	0.32
3000-152	1.5	2.47	0.28
3000-182	1.8	2.80	0.26
3000-222	2.2	3.12	0.25
3000-272	2.7	3.68	0.23
3000-332	3.3	4.71	0.21
3000-392	3.9	5.16	0.20
3000-472	4.7	6.64	0.18
3000-562	5.6	9.03	0.15
3000-682	6.8	10.2	0.14
3000-822	8.2	11.5	0.13
3000-103	10	13.1	0.12

For RoHS compliant version, add "-RC" to part number.







Dimensions: Inches

EMI T Network Filters

Special Features

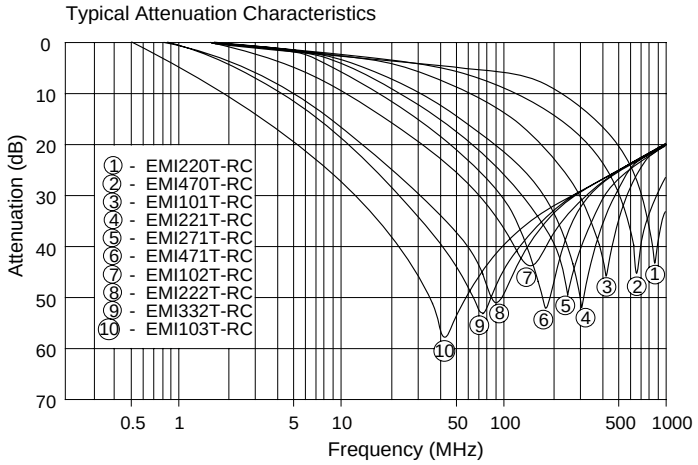
- Ferrite beads and chip capacitor T network EMI filters
- Excellent noise filtering capability at high frequency
- Taped packaged for automated insertion
- Rated current: 5 A
- Rated voltage: 50 VDC
- DC resistance: 0.05 Ohms max.
- Insulation resistance: 10 G Ohms @ 50 VDC
- Dielectric withstanding voltage: 125 VDC
- Operating temperature: -25 to +85 °C
- Ammo pack 2000 / Box

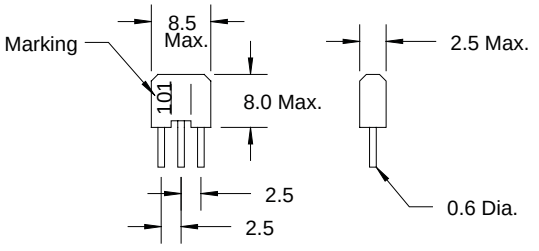
Typical Applications

- Personal computers, printers, hard drives and telecommunication equipment
- Digital audio and video equipment
- Switch power supplies and AC adapters
- Automotive electronics
- Industrial electronic devices

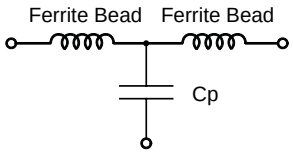
EMI T Series			
Part Number	Cp (pF) @ 1 KHz	25 dB Attenuation Frequency (MHz)	15 dB Attenuation Frequency (MHz)
EMI220T-RC	22 ±20 %	800 – 1000	200 – 800
EMI470T-RC	47 ±20 %	550 – 700	350 – 800
EMI101T-RC	100 ±20 %	350 – 500	200 – 800
EMI221T-RC	220 ±20 %	200 – 350	100 – 800
EMI271T-RC	270 ±20 %	200 – 300	80 – 800
EMI471T-RC	470 ±20 %	120 – 300	50 – 800
EMI102T-RC	1000 ±20 %	70 – 200	30 – 800
EMI222T-RC	2200 ±20 %	45 – 200	20 – 800
EMI332T-RC	3300 ±20 %	35 – 200	15 – 800
EMI103T-RC	10,000 -20 %, +80 %	15 - 200	6 - 800

Only available as RoHS compliant.





Dimensions: mm



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