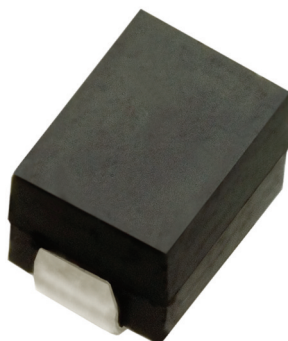
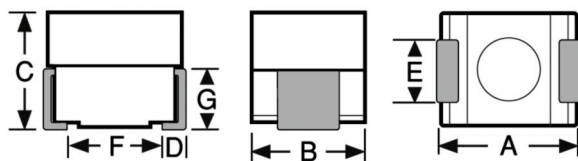


SERIES**S1210R
S1210****Shielded Surface Mount Inductors**

Actual Size

**Physical Parameters**

	Inches	Millimeters
A	0.118 to 0.138	3.00 to 3.51
B	0.085 to 0.105	2.16 to 2.66
C	0.081 to 0.101	2.06 to 2.57
D	0.016 Min.	0.41 Min.
E	0.041 to .061	1.04 to 1.55
F	0.070 (Ref. only)	1.78 (Ref. only)
G	0.054 (Ref. only)	1.37 (Ref. only)

Dimensions "A" and "C" are over terminals.

Weight Max. (Grams) 0.1**Operating Temperature Range** -55°C to +125°C**Current Rating at 90°C Ambient** 35°C Rise**Maximum Power Dissipation at 90°C**

Iron: 0.266 W

Ferrite: 0.224 W

Marking Delevan; dash number followed by an S;
date code (YYWWL). Note: An R before the date code
indicates a RoHS component.

Example: S1210R-471K

DELEVAN

471 S

R 1812B

Packaging Tape & reel (8mm): 7" reel, 2000 pieces max.;
13" reel, 7000 pieces max.

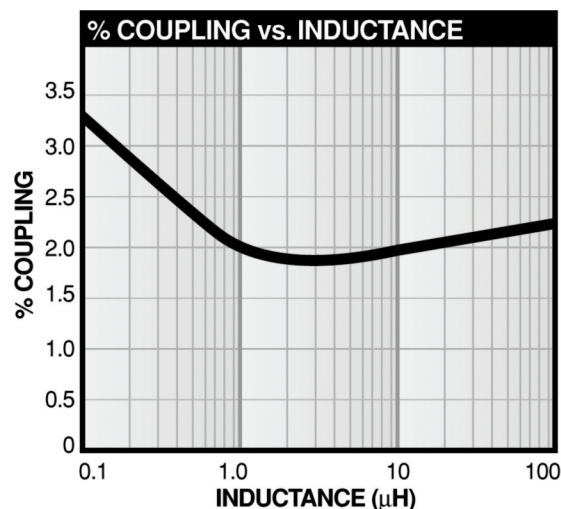
Made In the U.S.A.

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%

*Complete part # must include series # PLUS the dash #

DASH NUMBER*	INDUCTANCE (μH) ±10%	TEST FREQUENCY (MHz) Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
SERIES S1210 IRON CORE					
-101K	0.10	40	25	375	0.15
-121K	0.12	40	25	350	0.17
-151K	0.15	40	25	330	0.20
-181K	0.18	40	25	310	0.22
-221K	0.22	40	25	300	0.25
-271K	0.27	40	25	290	0.30
-331K	0.33	40	25	255	0.35
-391K	0.39	40	25	230	0.40
-471K	0.47	40	25	220	0.45
-561K	0.56	40	25	200	0.50
-681K	0.68	40	25	180	0.55
-821K	0.82	40	25	170	0.60
SERIES S1210 FERRITE CORE					
-102K	1.0	40	7.9	140	0.40
-122K	1.2	40	7.9	120	0.49
-152K	1.5	40	7.9	110	0.57
-182K	1.8	40	7.9	95	0.65
-222K	2.2	40	7.9	80	0.73
-272K	2.7	40	7.9	70	0.75
-332K	3.3	40	7.9	45	0.80
-392K	3.9	40	7.9	42	0.83
-472K	4.7	40	7.9	40	1.00
-562K	5.6	40	7.9	38	1.30
-682K	6.8	40	7.9	35	1.50
-822K	8.2	40	7.9	32	1.70
-103K	10.0	40	2.5	28	1.90
-123K	12.0	40	2.5	25	2.10
-153K	15.0	40	2.5	23	2.50
-183K	18.0	40	2.5	21	2.80
-223K	22.0	40	2.5	19	3.00
-273K	27.0	40	2.5	16	4.00
-333K	33.0	40	2.5	14	4.50
-393K	39.0	40	2.5	12	5.00
-473K	47.0	40	2.5	10	5.50
-563K	56.0	40	2.5	8	6.30
-683K	68.0	40	2.5	8	7.00
-823K	82.0	40	2.5	8	8.50
-104K	100.0	40	2.5	8	10.00

For more detailed graphs, contact factory



Mouser Electronics

Authorized Distributor

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[S1210-KIT](#)