

5200 Series — Heavy Duty Hash RF Chokes

- Ideal for Use as EMI Filter, Output Choke, Smoothing Coil
- Low Cost, Low DCR
- High Current Capacity
- Varnish Coated
- Operating Temperature: -55 to +105°C
- Current to Cause 10% Maximum Inductance Drop or 35°C Maximum Temperature Rise

High current hash filter chokes, molded powdered iron or ferrite form for relatively high inductance. Core is 1 1/4" long (31.75 mm). **Tolerance:** ±20%.

Stock No.	Mfr.'s Type	L (µH) ±20%	DCR (Ω) Max.	I, DC (A)	Coil Dia. Max.	EACH	
						1-9	10-24
871-5220	5220*	8.8	0.021	10.0	0.56	6.27	5.48
871-5230	5230†	4.0	0.012	8.0	0.38	3.15	2.75
871-5240	5240†	40.0	0.082	3.0	0.31	2.45	2.14
871-5248	5248†	68.0	0.054	5.0	0.56	1.92	1.65
871-5250	5250†	100.0	0.216	2.0	0.38	2.00	1.65
871-5252	5252†	125.0	0.080	3.5	0.50	3.31	2.89
871-5254	5254†	250.0	0.170	2.5	0.44	3.65	3.24
871-5256	5256†	500.0	0.260	2.0	0.56	3.23	2.83

Core Material: *Iron, †Ferrite.

5800 Series — High Current RF Chokes

- High Current Capacity
- Low DCR
- Ferrite Bobbin Core
- VW-1 Rated Shrink Tubing to Cover Winding
- Dielectric Strength: 2500 Vrms
- Operating Temperature: -55 to +105°C
- Rated Current to Cause 35°C Maximum Temperature Rise
- Saturation Current to Cause 10% Maximum Inductance Drop

Stock No.	Mfr.'s Type	L (µH) ±10%	DCR (Ω) Max.	I Sat. (A)	I Rated (A)	EACH	
						1-9	10-24
871-5801	5800-100	10	0.033	4.10	1.280	2.48	2.17
871-5802	5800-220	22	0.050	2.70	1.280	2.48	2.17
871-5803	5800-330	33	0.075	2.20	1.008	2.48	2.17
871-5804	5800-470	47	0.109	1.80	0.804	2.48	2.17
871-5805	5800-680	68	0.145	1.50	0.804	2.48	2.17
871-5806	5800-101	100	0.208	1.20	0.632	2.48	2.17
871-5807	5800-151	150	0.340	1.00	0.508	2.48	2.17
871-5808	5800-221	220	0.430	0.86	0.508	2.48	2.17
871-5809	5800-331	330	0.665	0.70	0.400	2.48	2.17
871-5810	5800-391	390	0.772	0.64	0.400	2.48	2.17
871-5811	5800-102	1000	2.300	0.40	0.200	2.48	2.17
871-5812	5800-222	2200	4.480	0.27	0.158	2.48	2.17
871-5813	5800-332	3300	6.560	0.22	0.125	2.48	2.17
871-5814	5800-472	4700	10.500	0.18	0.100	2.48	2.17

6000 Series — Radial Lead RF Chokes

- 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
- Current to Cause 5% Maximum Inductance Drop

Stock No.	Mfr.'s Type	L (µH) ±20%	Q Min.	SFR (MHz) Min.	DCR (Ω) Max.	I, DC (A)	EACH	
							1-9	10-24
871-6001	6000-1R0M	1.0	20	150.0	0.013	10.00	1.83	1.75
871-6002	6000-3R3M	3.3	20	79.0	0.025	5.50	1.83	1.75
871-6003	6000-4R7M*	4.7	20	51.0	0.030	4.60	1.83	1.75
871-6004	6000-100K	10.0	50	14.0	0.045	3.40	1.83	1.75
871-6005	6000-220K	22.0	40	9.2	0.070	2.40	1.83	1.75
871-6006	6000-101K	100.0	20	3.7	0.280	1.40	1.83	1.75
871-6007	6000-221K	220.0	20	2.7	0.650	1.00	1.83	1.75
871-6008	6000-331K	330.0	20	2.3	0.850	0.78	1.83	1.75
871-6009	6000-821K	820.0	20	1.5	1.800	0.56	1.83	1.75
871-6010	6000-102K	1000.0	50	1.3	2.900	0.51	1.83	1.75

*L (µH) ±10%.

PMC Series — Multilayer Ferrite Chip Beads

- High Impedance
- Reduce High Frequency Noise Interference
- Multilayer Construction for High Reliability
- Solder Coated Terminals for Wave and Reflow
- Operating Temperature: -55 to +125°C
- Current to Cause 20°C Maximum Temperature Rise

Stock No.	Mfr.'s Type	Z (Ω) ±25%	Test Freq. (MHz)	DCR (Ω) Max.	I, DC (mA)	EACH	
						1-9	10-24
871-3300	PMC0805-100	10	100	0.20	500	.12	.10
871-3301	PMC0805-102	1000	50	1.00	100	.12	.10
871-3305	PMC1206-300	30	100	0.20	500	.12	.10
871-3306	PMC1206-152	1500	50	1.00	100	.12	.10
871-3310	PMC1210-750	75	100	0.15	400	.12	.10
871-3313	PMC1812-121	120	100	0.40	300	.12	.10

PM43 Series — SMT Power Inductors

- High Current Capacity
- Ferrite Bobbin Core
- Low Core Loss for High Frequency Power Application
- Low Profile
- Compact Size
- Large Terminal Surface for Good PCB Bonding
- Operating Temperature: -30 to +100°C
- Current to Cause Maximum 10% of Inductance Drop or 40°C Temperature Rise

Stock No.	Mfr.'s Type	L (µH) ±20%	Test Freq. (MHz)	SFR (MHz) Typ.	DCR (Ω) Max.	I, DC (A)	EACH	
							1-9	10-24
871-4300	PM43-1R0M	1.0	7.96	113	0.049	2.56	1.00	.93
871-4301	PM43-4R7M	4.7	7.96	49	0.109	1.15	1.00	.93
871-4302	PM43-100M	10.0	2.52	35	0.182	1.04	1.00	.93
871-4303	PM43-120M	12.0	2.52	32	0.210	0.97	1.00	.93
871-4304	PM43-220M	22.0	2.52	24	0.378	0.68	1.00	.93
871-4305	PM43-270M	27.0	2.52	21	0.522	0.62	1.00	.93
871-4306	PM43-330K*	33.0	2.52	19	0.540	0.56	1.00	.93
871-4307	PM43-470K*	47.0	2.52	15	0.844	0.44	1.00	.93

*L (µH) ±10%.

PM54 Series — SMT Power Inductors

- 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
- Current to Cause Maximum 10% of Inductance Drop or 40°C Temperature Rise

Stock No.	Mfr.'s Type	L (µH) ±20%	Test Freq.	SFR (MHz) Typ.	DCR (Ω) Max.	I, DC (A)	EACH	
							1-9	10-24
871-5400	PM54-100M	10	2.52 MHz	30	0.10	1.44	1.00	.93
871-5401	PM54-150M	15	2.52 MHz	25	0.14	1.30	1.00	.93
871-5402	PM54-180M	18	2.52 MHz	23	0.15	1.23	1.00	.93
871-5403	PM54-220M	22	2.52 MHz	19	0.18	1.11	1.00	.93
871-5404	PM54-330L*	33	2.52 MHz	16	0.23	0.88	1.00	.93
871-5405	PM54-470L*	47	2.52 MHz	13	0.37	0.72	1.00	.93
871-5406	PM54-560K†	56	2.52 MHz	12	0.42	0.68	1.00	.93
871-5407	PM54-820K†	82	2.52 MHz	10	0.60	0.58	1.00	.93
871-5408	PM54-101K†	100	1.00 KHz	9	0.70	0.52	1.00	.93
871-5409	PM54-221K†	220	1.00 KHz	5	1.57	0.35	1.00	.93

*L (µH) ±15%. †L (µH) ±10%.

PM105 Series — SMT Power Inductors

- 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
- Current to Cause Maximum 10% of Inductance Drop or 40°C Temperature Rise

Stock No.	Mfr.'s Type	L (µH) ±20%	Test Freq.	SFR (MHz) Typ.	DCR (Ω) Max.	I, DC (A)	EACH	
							1-9	10-24
871-1051	PM105-100M	10	2.52 MHz	25	0.06	2.60	1.55	1.43
871-1052	PM105-220M	22	2.52 MHz	15	0.10	1.96	1.55	1.43
871-1053	PM105-330M	33	2.52 MHz	13	0.12	1.50	1.55	1.43
871-1054	PM105-101K*	100	1.00 KHz	7	0.35	0.97	1.55	1.43
871-1055	PM105-151K*	150	1.00 KHz	5	0.47	0.78	1.55	1.43
871-1056	PM105-331K*	330	1.00 KHz	4	1.15	0.52	1.55	1.43
871-1057	PM105-471K*	470	1.00 KHz	3	1.48	0.42	1.55	1.43

*L (µH) ±10%.

PM127SH Series — Shielded, SMT Power Inductors

- High Current Capacity
- Magnetic Shielded for Low Radiation
- 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
- Current to Cause Maximum 25% of Inductance Drop or 40°C Temperature Rise

Stock No.	Mfr.'s Type	L (µH) +40/-20%	Test Freq. (KHz)	DCR (Ω) Max.	I, DC (A)	EACH	
						1-9	10-24
871-1270	PM127SH-2R4N	2.4	100	0.012	8.0	1.37	1.31
871-1271	PM127SH-100M*	10.0	1	0.022	5.4	1.37	1.31
871-1272	PM127SH-390M*	39.0	1	0.073	2.7	1.37	1.31

*L (µH) ±20%.