

ATFC SERIES THIN FILM SMD CHIP INDUCTORS



Features

- A photo-lithographic single layer ceramic chip
- High SRF; Excellent Q
- Superior Temperature Stability
- Tight Tolerance
- Highly Stable Design for Critical Needs

Specifications

- Tolerance: ± 1% (G) or ± 0.1nH (B)
- Operating temperature: -25°C to +85°C

Application

- Communication Appliances
- GPS Products
- Wireless LAN
- Bluetooth Module
- VCO, TCXO Circuit and RF Transceiver Modules

Mfg. Part No.	L (Induct.) (µH)	Q @ 250MHz	SRF (MHz)	DCR (mΩ)	I _{pc} (mA)	Stock No.	Price Each
● ATFC-0201-1NOB	1	8	9	0.3	300	14N4750	0.390
● ATFC-0201-1N1B	1.1	8	9	0.35	300	14N4752	0.390
● ATFC-0201-1N2B	1.2	8	9	0.35	300	14N4754	0.390
● ATFC-0201-1N3B	1.3	8	9	0.45	250	14N4756	0.390
● ATFC-0201-1N4B	1.4	8	9	0.45	250	14N4758	0.390
● ATFC-0201-1N5B	1.5	8	9	0.45	250	14N4760	0.390
● ATFC-0201-1N6B	1.6	8	9	0.55	200	14N4762	0.390
● ATFC-0201-1N7B	1.7	8	9	0.55	200	14N4764	0.390
● ATFC-0201-1N8B	1.8	8	9	0.55	200	14N4766	0.390
● ATFC-0201-1N9B	1.9	8	9	0.55	200	14N4768	0.390
● ATFC-0201-2NOB	2	8	8	0.7	200	14N4772	0.390
● ATFC-0201-2N1B	2.1	8	8	0.7	200	14N4774	0.390
● ATFC-0201-2N2B	2.2	8	8	0.7	200	14N4776	0.390
● ATFC-0201-2N3B	2.3	8	8	0.8	150	14N4778	0.390
● ATFC-0201-2N4B	2.4	8	8	0.8	150	14N4780	0.390
● ATFC-0201-2N5B	2.5	8	8	0.8	150	14N4782	0.390
● ATFC-0201-2N6B	2.6	8	8	0.8	150	14N4784	0.390
● ATFC-0201-2N7B	2.7	8	8	0.8	150	14N4786	0.390
● ATFC-0201-2N8B	2.8	8	6	1	150	14N4788	0.390
● ATFC-0201-2N9B	2.9	8	6	1	150	14N4790	0.390
● ATFC-0201-3NOB	3	8	6	1	150	14N4792	0.390
● ATFC-0201-3N1B	3.1	8	6	1	150	14N4794	0.390
● ATFC-0201-3N2B	3.2	8	6	1	150	14N4796	0.390
● ATFC-0201-3N3B	3.3	8	6	1	150	14N4798	0.390
● ATFC-0201-3N4B	3.4	8	6	1.2	150	14N4800	0.390
● ATFC-0201-3N5B	3.5	8	6	1.2	150	14N4802	0.390
● ATFC-0201-3N6B	3.6	8	6	1.2	150	14N4804	0.390
● ATFC-0201-3N7B	3.7	8	6	1.2	150	14N4806	0.390
● ATFC-0201-3N9B	3.9	8	6	1.2	150	14N4808	0.390
● ATFC-0201-4N7B	4.7	8	6	1.4	130	14N4810	0.390
● ATFC-0201-5N6G	5.6	8	4	1.8	130	14N4812	0.390
● ATFC-0201-6N8G	6.8	8	4	2.3	110	14N4814	0.390
● ATFC-0201-8N2G	8.2	8	3	3	110	14N4816	0.390
● ATFC-0201-10NG	10	8	2	3.5	80	14N4770	0.390
● ATFC-0402-0N2B	0.2	13	14	0.1	800	14N4818	0.240
● ATFC-0402-0N4B	0.4	13	14	0.1	800	14N4820	0.240
● ATFC-0402-0N8B	0.8	13	14	0.15	700	14N4822	0.240
● ATFC-0402-1NOB	1	13	12	0.15	700	14N4824	0.240
● ATFC-0402-1N1B	1.1	13	12	0.15	700	14N4826	0.240
● ATFC-0402-1N2B	1.2	13	12	0.15	700	14N4828	0.240
● ATFC-0402-1N3B	1.3	13	10	0.25	700	14N4830	0.240
● ATFC-0402-1N4B	1.4	13	10	0.25	700	14N4832	0.240
● ATFC-0402-1N5B	1.5	13	10	0.25	700	14N4834	0.240
● ATFC-0402-1N6B	1.6	13	10	0.25	560	14N4836	0.240
● ATFC-0402-1N7B	1.7	13	10	0.25	560	14N4838	0.240
● ATFC-0402-1N8B	1.8	13	10	0.25	560	14N4840	0.240
● ATFC-0402-1N9B	1.9	13	8	0.35	560	14N4842	0.240
● ATFC-0402-2NOB	2	13	8	0.35	560	14N4856	0.240
● ATFC-0402-2N1B	2.1	13	8	0.35	440	14N4858	0.240
● ATFC-0402-2N2B	2.2	13	8	0.35	440	14N4860	0.240
● ATFC-0402-2N3B	2.3	13	8	0.35	440	14N4862	0.240
● ATFC-0402-2N4B	2.4	13	8	0.35	440	14N4864	0.240
● ATFC-0402-2N5B	2.5	13	8	0.35	440	14N4866	0.240
● ATFC-0402-2N6B	2.6	13	8	0.35	440	14N4868	0.240
● ATFC-0402-2N7B	2.7	13	8	0.35	440	14N4870	0.240
● ATFC-0402-2N8B	2.8	13	8	0.45	380	14N4872	0.240
● ATFC-0402-2N9B	2.9	13	6	0.45	380	14N4874	0.240
● ATFC-0402-3NOB	3	13	6	0.45	380	14N4882	0.240
● ATFC-0402-3N1B	3.1	13	6	0.45	380	14N4884	0.240
● ATFC-0402-3N2B	3.2	13	6	0.45	380	14N4886	0.240
● ATFC-0402-3N3B	3.3	13	6	0.45	380	14N4888	0.240
● ATFC-0402-3N4B	3.4	13	6	0.55	380	14N4890	0.240
● ATFC-0402-3N5B	3.5	13	6	0.55	380	14N4892	0.240
● ATFC-0402-3N6B	3.6	13	6	0.55	380	14N4894	0.240
● ATFC-0402-3N7B	3.7	13	6	0.55	340	14N4896	0.240
● ATFC-0402-3N8B	3.8	13	6	0.55	340	14N4898	0.240

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ATFC SERIES THIN FILM SMD CHIP INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	Q @ 250MHz	SRF (MHz)	DCR (mΩ)	I _{pc} (mA)	Stock No.	Price Each
● ATFC-0402-3N9B	3.9	13	6	0.55	340	14N4900	0.240
● ATFC-0402-4N7B	4.7	13	6	0.65	320	14N4904	0.240
● ATFC-0402-5N6B	5.6	13	6	0.85	280	14N4906	0.240
● ATFC-0402-5N9B	5.9	13	6	0.85	280	14N4908	0.240
● ATFC-0402-6N8B	6.8	13	6	1.05	260	14N4910	0.240
● ATFC-0402-7N2B	7.2	13	6	1.05	260	14N4912	0.240
● ATFC-0402-8NOB	8	13	5.5	1.25	220	14N4914	0.240
● ATFC-0402-8N2B	8.2	13	5.5	1.25	220	14N4916	0.240
● ATFC-0402-9N1B	9.1	13	5.5	1.25	220	14N4918	0.240
● ATFC-0402-10NG	10	13	4.5	1.35	200	14N4844	0.240
● ATFC-0402-12NG	12	13	3.7	1.55	180	14N4846	0.240
● ATFC-0402-13N8G	13.8	13	3.7	1.75	180	14N4848	0.240
● ATFC-0402-15NG	15	13	3.3	1.75	130	14N4850	0.240
● ATFC-0402-17NG	17	13	3.1	1.95	100	14N4852	0.240
● ATFC-0402-18NG	18	13	3.1	2.15	100	14N4854	0.240
● ATFC-0402-20N8G	20.8	13	2.8	2.55	90	14N4876	0.240
● ATFC-0402-22NG	22	13	2.8	2.65	90	14N4878	0.240
● ATFC-0402-27NG	27	13	2.5	3.25	75	14N4880	0.240
● ATFC-0402-33NJ	33	13	2.5	4.5	75	14N4902	0.240

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THIN FILM CHIP INDUCTORS

Just Added



Features

- Photolithographic single layer ceramic chip
- High SRF, excellent Q, superior temperature stability
- Tight tolerances
- Stable inductance

Applications

- Cellular Telephone, Pagers and GPS Products
- VCO, TCXO Circuit and RF Transceiver Module
- Wireless LAN, Bluetooth Module, Communication Appliances

0402 CASE (L=1mm, W=0.5mm)

Mfg. Part No.	L (Induct.) (µH)	Q Factor	Test Frequency	SRF (MHz)	DCR (mΩ)	I _{pc} (mA)	Stock No.	Price Each
● MCFT000000	1	13	500	13	0.15	700	09R2913	0.210
● MCFT000001	1.5	13	500	10	0.25	700	09R2914	0.210
● MCFT000002	2.2	13	500	8	0.35	440	09R2915	0.210
● MCFT000003	3.3	13	500	6	0.45	380	09R2916	0.210
● MCFT000004	4.7	13	500	5	0.65	320	09R2917	0.210
● MCFT000005	6.8	13	500	5	1.05	260	09R2918	0.210
● MCFT000006	8.2	13	500	4	1.25	220	09R2919	0.210
● MCFT000007	10	13	500	4	1.35	200	09R2920	0.210
● MCFT000008	15	13	500	3	1.75	130	09R2921	0.210
● MCFT000009	22	13	500	2	2.65	90	09R2922	0.210
● MCFT000010	33	13	500	1.5	4.5	75	09R2923	0.210

0603 CASE (L=1.6mm, W=0.8mm)

Mfg. Part No.	L (Induct.) (µH)	Q Factor	Test Frequency	SRF (MHz)	DCR (mΩ)	I _{pc} (mA)	Stock No.	Price Each
● MCFT000011	1	15	300	13	0.35	800	09R2924	0.476
● MCFT000012	1.5	15	300	10	0.35	800	09R2925	0.476
● MCFT000013	2.2	15	300	8	0.35	300	09R2926	0.476
● MCFT000014	3.3	15	300	6	0.45	300	09R2927	0.476
● MCFT000015	4.7	15	300	5	0.55	300	09R2928	0.476
● MCFT000016	6.8	15	300	5	0.75	300	09R2929	0.476
● MCFT000017	10	15	300	4	0.95	300	09R2930	0.476
● MCFT000018	15	15	300	3	1.35	300	09R2931	0.476
● MCFT000019	22	15	300	2	1.95	250	09R2932	0.476
● MCFT000020	33	15	300	1.5	2.75	250	09R2933	0.476
● MCFT000021	47	15	300	1.5	3	200	09R2934	0.476
● MCFT000022	68	15	300	1	5	150	09R2935	0.476
● MCFT000023	100	15	300	1	7.5	100	09R2936	0.476

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INDUCTORS – SMD • POWER INDUCTORS – SMD

THIN FILM CHIP INDUCTOR DESIGN KITS



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HPL SERIES CHIP INDUCTOR KITS

Mfg. Part No.	Description	Stock No.	Price Each
● HPL0603-KIT	0201 size 1.0-10nH / 0.2nH and 2nH tol. 15val. 600pcs	85K0890	46.690
● HPL1005-KIT	0402 size 1.0-15nH / 0.2nH and 2nH tol. 25val. 1000pcs	85K0889	62.790

TFL SERIES CHIP INDUCTOR KITS

● TFL0816-KIT	0603 size 1.0-100nH / 0.2nH and 2nH tol. 25val. 1000pcs	85K1593	78.890
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CF252016 SERIES - FERRITE MULTI-LAYER HIGH CURRENT CHIP INDUCTORS



Features

- 1008 size
- Magnetic shielding
- High Q characteristics
- High current

Specifications

- Temperature rise: 40°C Max.
- Operating temperature -55°C to +125°C

Mfg. Part No.	L (Induct.) (µH)	Q Min.	Test Frequency (MHz)	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each
● CF252016-3R9K	3.9	30	7.96	75	1.70	185	14P9654	0.130
● CF252016-100K	10	25	2.52	30	2.20	155	14P9653	0.130

MULTI-LAYER CHIP INDUCTORS

Just Added



Features

- Ceramic construction
- Tight inductance tolerance
- Excellent Q value

Applications

- High Frequency Application
- Cellular Phone, Pagers
- EMI Countermeasure in High Frequency Circuits and Computer Communication etc.
- WLAN and RF module

0402 CASE (L=1.6mm, W=0.5mm)

Mfg. Part No.	L (Induct.) (µH)	Q Factor @ 100MHz	SRF (MHz)	DCR (Ohm)	I _{DC} (mA)	Stock No.	Price Each
● MCFT000024	1	11	10	0.12	300	09R2945	0.096
● MCFT000025	1.5	12	6	0.13	300	09R2946	0.096
● MCFT000026	2.2	11	6	0.16	300	09R2947	0.096
● MCFT000027	3.3	11	6	0.19	300	09R2948	0.096
● MCFT000028	4.7	12	4	0.22	300	09R2949	0.096
● MCFT000029	6.8	11	3.9	0.32	300	09R2943	0.096
● MCFT000030	10	11	3.2	0.42	300	09R2938	0.096
● MCFT000031	15	11	2.3	0.55	300	09R2939	0.096
● MCFT000032	22	12	1.6	0.8	300	09R2940	0.096
● MCFT000033	33	12	1.2	1	200	09R2941	0.096
● MCFT000034	47	11	0.9	1.3	150	09R2942	0.096
● MCFT000035	68	11	0.75	2.2	100	09R2944	0.115
● MCFT000036	100	10	0.6	2.5	100	09R2937	0.115

0603 CASE (L=1.6mm, W=0.8mm)

● MCFT000037	1	15	6	0.1	500	09R2958	0.099
● MCFT000038	1.5	14	6	0.1	500	09R2959	0.099
● MCFT000039	2.2	15	6	0.1	500	09R2960	0.099
● MCFT000040	3.3	16	6	0.13	500	09R2961	0.099
● MCFT000041	4.7	14	4	0.2	500	09R2962	0.099
● MCFT000042	6.8	15	3.75	0.25	500	09R2956	0.099
● MCFT000043	10	16	3	0.3	300	09R2951	0.099
● MCFT000044	15	16	2.3	0.4	300	09R2952	0.099
● MCFT000045	22	18	1.6	0.5	300	09R2953	0.099
● MCFT000046	33	17	1.2	0.6	300	09R2954	0.099
● MCFT000047	47	17	0.9	0.7	300	09R2955	0.099
● MCFT000048	68	18	0.7	0.85	300	09R2957	0.115
● MCFT000049	100	18	0.6	1.2	300	09R2950	0.115

0805 CASE (L=2mm, W=1.2mm)

● MCFT000050	1	10	6	0.1	300	09R2971	0.101
● MCFT000051	1.5	10	6	0.1	300	09R2972	0.101
● MCFT000052	2.2	10	6	0.1	300	09R2973	0.101
● MCFT000053	3.3	12	6	0.13	300	09R2974	0.101

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MULTI-LAYER CHIP INDUCTORS (CONT.)

0805 CASE (L=2mm, W=1.2mm)

Mfg. Part No.	L (Induct.) (µH)	Q Factor @ 100MHz	SRF (MHz)	DCR (Ohm)	I _{DC} (mA)	Stock No.	Price Each
● MCFT000054	4.7	12	4.5	0.2	300	09R2975	0.101
● MCFT000055	6.8	15	3.65	0.25	300	09R2969	0.101
● MCFT000056	10	15	2.5	0.3	300	09R2964	0.101
● MCFT000057	15	15	2	0.4	300	09R2965	0.101
● MCFT000058	22	15	1.7	0.5	300	09R2966	0.101
● MCFT000059	33	15	1.35	0.6	300	09R2967	0.101
● MCFT000060	47	18	1.2	0.7	300	09R2968	0.101
● MCFT000061	68	18	1	0.8	300	09R2970	0.101
● MCFT000062	100	18	0.73	1	300	09R2963	0.101

SIMID 0805-F CERAMIC OR FERRITE CORE SMD INDUCTORS



Applications

- Antenna amplifiers
- Multimedia
- Wireless communication systems
- Car access systems
- TPMS (Tire Pressure Monitoring System)
- GPS (Global Positioning System)

Features

- High resonance frequency
- Close inductance tolerance

Just Added

Mfg. Part No.	Core	L (Induct.) (nH)	Q Factor	Test Freq. (MHz)	SRF (MHz)	I _{DC} (mA)	DCR (mΩ)	Stock No.	Price Each
● B82498F3569K	Ceramic	5.6	50	250	7000	0.9	0.04	06J1067	0.758
● B82498F3100J	Ceramic	10	50	500	5000	0.7	0.09	06J1031	0.758
● B82498F3220J	Ceramic	22	60	500	2500	0.7	0.08	65H8431	0.758
● B82498F3470J	Ceramic	47	65	500	2000	0.6	0.13	06J1060	0.758
● B82498F3101J	Ceramic	100	55	500	1350	0.45	0.28	06J1033	0.758
● B82498F3150J	Ceramic	150	50	250	3300	0.65	0.13	65H8426	0.758
● B82498F3221J	Ceramic	220	45	250	950	0.32	0.7	06J1046	0.758
● B82498F1222J	Ferrite	2200	20	7.96	330	0.13	1.6	43J3932	0.676

AISC SERIES UNSHIELDED SMD POWER INDUCTORS



Features

- High Q factor
- Low DC resistance permits high current flow
- Low voltage drops and inductance variations
- Excellent mechanical reliability

Application

- Video
- Communications
- Notebook computer
- Power line DC/DC conversion
- Automotive and safety applications

Specifications

- Tolerance: ±20%
- Oper. temperature range: -25°C to +85°C

0402

Mfg. Part No.	L (Induct.) (µH)	Q @ 250MHz	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● AISC-0402-1NOS	1	13	12.7	0.05	1.36	12P6224	0.700
● AISC-0402-2N0-J	2	16	11.3	0.07	1.04	14N4226	0.700
● AISC-0402-2N2-J	2.2	18	10.8	0.07	960	14N4228	0.700
● AISC-0402-3N3-J	3.3	20	7	0.07	840	14N4234	0.700
● AISC-0402-3N6-J	3.6	20	6.8	0.07	840	14N4236	0.700
● AISC-0402-3N9-J	3.9	20	6	0.07	840	14N4238	0.700
● AISC-0402-4N3-J	4.3	20	6000	0.091	700	14N4242	0.700
● AISC-0402-4N7-J	4.7	20	4.775	0.08	800	14N4244	0.700
● AISC-0402-5N1-J	5.1	23	5800	0.083	800	14N4250	0.700
● AISC-0402-5N6-J	5.6	23	5.8	0.08	760	14N4252	0.700
● AISC-0402-6N2-J	6.2	23	5.8	0.08	760	14N4254	0.700
● AISC-0402-7N5-J	7.5	25	5.8	0.1	680	14N4256	0.700
● AISC-0402-8N2-J	8.2	25	4.4	0.1	680	14N4259	0.700
● AISC-0402-9N0-J	9	25	4.16	0.11	680	14N4261	0.700
● AISC-0402-10N-J	10	21	3.9	0.2	480	14N4216	0.700
● AISC-0402-11N-J	11	26	3.68	0.12	640	14N4218	0.700
● AISC-0402-12N-J	12	26	3.6	0.12	640	14N4220	0.700
● AISC-0402-15N-J	15	26	3.28	0.17	560	14N4222	0.700
● AISC-0402-19N-J	19	26	3040	0.2	480	14N4224	0.700
● AISC-0402-23N-J	23	26	2720	0.25	400	14N4230	0.700
● AISC-0402-27N-J	27	26	2.48	0.3	400	14N4232	0.700
● AISC-0402-36N-J	36	26	2.32	0.4	320	14N4240	0.700
● AISC-0402-40N-J	40	26	2240	0.055	200	14N4246	0.700
● AISC-0402-47N-J	47	20	2.1	0.75	150	14N4248	0.700

0603

● AISC-0603-R0018-J	1.8	16	6	0.045	700	14N4263	0.630
● AISC-0603-R0033-J	3.3	30	6000	0.035	700	14N4265	0.630
● AISC-0603-R0039-J	3.9	20	6	0.063	700	14N4267	0.630

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POWER INDUCTORS – SMD

AISC SERIES UNSHIELDED SMD POWER INDUCTORS (CONT.)

0603

Mfg. Part No.	L (Induct.) (µH)	Q @ 250MHz	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● AISC-0603-R0047-J	4.7	22	5.8	0.13	700	14N4271	0.630
● AISC-0603-R0056-J	5.6	25	6000	0.1	700	14N4275	0.630
● AISC-0603-R0062-J	6.2	25	5500	0.11	700	14N4277	0.630
● AISC-0603-R0068-J	6.8	25	5.8	0.11	700	14N4279	0.630
● AISC-0603-R0082-J	8.2	28	4.8	0.11	700	14N4283	0.630
● AISC-0603-R0087-J	8.7	28	4.6	0.109	700	14N4285	0.630
● AISC-0603-R0095-J	9.5	28	5.4	0.135	700	14N4287	0.630
● AISC-0603-R010-J	10	30	4.8	0.13	700	14N4289	0.630
● AISC-0603-R011-J	11	30	4	0.086	700	14N4291	0.630
● AISC-0603-R012-J	12	30	4	0.13	700	14N4293	0.630
● AISC-0603-R015-J	15	30	4	0.17	700	14N4295	0.630
● AISC-0603-R018-J	18	30	3.1	0.17	700	14N4297	0.630
● AISC-0603-R022-J	22	35	3	0.19	700	14N4299	0.630
● AISC-0603-R024-J	24	35	2.65	0.19	700	14N4301	0.630
● AISC-0603-R027-J	27	35	2.8	0.22	600	14N4303	0.630
● AISC-0603-R033-J	33	35	2.3	0.22	600	14N4305	0.630
● AISC-0603-R037-J	37	35	2.2	0.25	600	14N4307	0.630
● AISC-0603-R039-J	39	35	2.2	0.25	600	14N4309	0.630
● AISC-0603-R047-J	47	35	2	0.28	600	14N4311	0.630
● AISC-0603-R056-J	56	35	1.9	0.31	600	14N4315	0.630
● AISC-0603-R068-J	68	35	1.7	0.34	600	14N4317	0.630
● AISC-0603-R072-J	72	35	1.7	0.49	400	14N4319	0.630
● AISC-0603-R082-J	82	35	1.7	0.54	400	14N4321	0.630
● AISC-0603-R10-J	100	35	1.5	0.71	400	14N4323	0.630
● AISC-0603-R11-J	110	35	1.4	0.75	300	14N4325	0.630
● AISC-0603-R12-J	120	35	1.35	0.79	300	14N4327	0.630
● AISC-0603-R15-J	150	28	1.2	0.92	280	14N4329	0.630
● AISC-0603-R18-J	180	25	990	1.25	240	14N4331	0.630
● AISC-0603-R22-J	220	25	900	1.5	200	14N4333	0.630
● AISC-0603-R27-J	270	25	860	1.8	170	14N4335	0.630
● AISC-0603-R33-J	330	24	500	2	150	14N4337	0.630
● AISC-0603-R39-J	390	23	350	2.1	120	14N4339	0.630

0805

● AISC-0805-R0022J	2.2	40	6	0.1	600	14N4341	0.630
● AISC-0805-R0033J	3.3	30	6	0.08	600	14N4343	0.630
● AISC-0805-R0068J	6.8	50	5	0.11	600	14N4345	0.630
● AISC-0805-R0082J	8.2	50	4.8	0.19	600	14N4347	0.630
● AISC-0805-R10J	100	60	1.2	0.46	400	14N4371	0.630
● AISC-0805-R10J	100	20	200	2.5	150	14N4395	0.630
● AISC-0805-R012J	120	50	4.1	0.15	600	14N4349	0.630
● AISC-0805-R12J	120	50	1.2	0.51	400	14N4373	0.630
● AISC-0805-R015J	150	50	2.9	0.17	600	14N4351	0.630
● AISC-0805-R15J	150	50	1	0.56	400	14N4375	0.630
● AISC-0805-R018J	180	50	3.3	0.2	600	14N4353	0.630
● AISC-0805-R18J	180	50	950	0.64	400	14N4377	0.630
● AISC-0805-R022J	220	55	2.6	0.22	500	14N4355	0.630
● AISC-0805-R22J	220	45	850	0.7	400	14N4379	0.630
● AISC-0805-R027J	270	60	2.5	0.25	500	14N4357	0.630
● AISC-0805-R27J	270	40	680	1	350	14N4381	0.630
● AISC-0805-R033J	330	60	2.2	0.27	500	14N4359	0.630
● AISC-0805-R33J	330	40	660	1.4	310	14N4383	0.630
● AISC-0805-R039J	390	60	2.1	0.29	500	14N4361	0.630
● AISC-0805-R39J	390	35	560	1.5	290	14N4385	0.630
● AISC-0805-R047J	470	60	1.75	0.31	500	14N4363	0.630
● AISC-0805-R47J	470	33	430	1.72	250	14N4387	0.630
● AISC-0805-R056J	560	60	1.65	0.32	500	14N4365	0.630
● AISC-0805-R56J	560	23	350	1.9	230	14N4389	0.630
● AISC-0805-R068J	680	60	1.5	0.38	500	14N4367	0.630
● AISC-0805-R68J	680	23	300	2.05	190	14N4391	0.630
● AISC-0805-R082J	820	60	1.4	0.42	400	14N4369	0.630
● AISC-0805-R82J	820	23	250	2.3	180	14N4393	0.630
● AISC-0805F-1R0J	100	15	63	1.2	245	14N4397	0.630
● AISC-0805F-1R5J	150	15	60	1.45	225	14N4399	0.630
● AISC-0805F-2R2J	2200	15	58	1.8	200	14N4405	0.630
● AISC-0805F-3R3J	3300	15	50	2.3	175	14N4409	0.630
● AISC-0805F-4R7J	4700	15	43	2.8	140	14N4413	0.630
● AISC-0805F-6R8J	6800	15	36	3.4	115	14N4417	0.630
● AISC-0805F-100J	10000	10	30	4.7	98	14N4401	0.630
● AISC-0805F-150J	15000	10	23	6.5	80	14N4403	0.630
● AISC-0805F-220J	22000	10	20	8	68	14N4407	0.630
● AISC-0805F-330J	33000	10	17	10.7	60	14N4411	0.630

▶ CONTINUED ▶

AISC SERIES UNSHIELDED SMD POWER INDUCTORS (CONT.)

0805

Mfg. Part No.	L (Induct.) (µH)	Q @ 250MHz	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● AISC-0805F-470J	47000	10	14	13.8	55	14N4415	0.630
● AISC-0805F-680J	68000	8	11	17.5	49	14N4419	0.630

1008F							
Mfg. Part No.	L (Induct.) (µH)	Q @ 250MHz	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● AISC-1008F-1R2J	1200	48	210	0.7	650	14N4421	0.630
● AISC-1008F-1R5J	1500	41	190	0.75	630	14N4423	0.630
● AISC-1008F-1R8J	1800	39	170	0.84	600	14N4425	0.630
● AISC-1008F-2R2J	2200	34	150	1.15	520	14N4429	0.630
● AISC-1008F-2R7J	2700	34	100	1.28	490	14N4431	0.630
● AISC-1008F-3R3J	3300	32	100	1.46	450	14N4433	0.630
● AISC-1008F-3R9J	3900	32	70	1.56	420	14N4435	0.630
● AISC-1008F-4R7J	4700	31	60	1.68	400	14N4437	0.630
● AISC-1008F-5R6J	5600	23	50	1.82	380	14N4439	0.630
● AISC-1008F-6R8J	6800	31	40	2	360	14N4441	0.630
● AISC-1008F-8R2J	8200	23	40	2.65	330	14N4443	0.630
● AISC-1008F-100J	10000	31	40	2.95	300	14N4427	0.630

1210

Mfg. Part No.	L (Induct.) (µH)	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut		Tape & Reel	
					Stock No.	Price Each	Stock No.	Price Each
● AISC-1210H-1R0N	1	100	0.063	2.3	14N4459	1.000	...	...
● AISC-1210H-100K	10	26	0.509	650	14N4465	1.000	14N4466	1.000
● AISC-1210H-120K	12	26	0.674	610	14N4469	1.000	14N4470	1.000
● AISC-1210H-150K	15	26	0.76	550	14N4473	1.000	14N4474	1.000
● AISC-1210H-180K	18	20	0.978	450	14N4477	1.000	14N4478	1.000
● AISC-1210H-220K	22	19	1.12	430	14N4485	1.000	14N4486	1.000
● AISC-1210H-270K	27	18	1.24	380	14N4489	1.000	14N4490	1.000
● AISC-1210H-330K	33	17	1.94	350	14N4497	1.000	14N4498	1.000
● AISC-1210H-390K	39	16	2	330	14N4501	1.000	14N4502	1.000
● AISC-1210H-470K	47	15	3.2	300	14N4507	1.000	14N4508	1.000
● AISC-1210H-560K	56	13	3.64	250	14N4513	1.000	14N4514	1.000
● AISC-1210H-680K	68	12	4.06	210	14N4519	1.000	14N4520	1.000
● AISC-1210H-820K	82	12	4.58	200	14N4523	1.000	14N4524	1.000
● AISC-1210H-101K	100	10	6.88	180	14N4467	1.000	14N4468	1.000
● AISC-1210H-121K	120	8	7.47	160	14N4471	1.000	14N4472	1.000
● AISC-1210H-151K	150	7	8.32	140	14N4475	1.000	14N4476	1.000
● AISC-1210H-181K	180	7	13.16	120	14N4479	1.000	14N4480	1.000
● AISC-1210H-221K	220	6.8	14.4	100	14N4487	1.000	14N4488	1.000
● AISC-1210H-271K	270	6	15	80	14N4491	1.000	14N4492	1.000
● AISC-1210H-331K	330	5.6	18.9	60	14N4499	1.000	14N4500	1.000
● AISC-1210H-391K	390	5	20.4	60	14N4503	1.000	14N4504	1.000
● AISC-1210H-471K	470	4	27.5	60	14N4509	1.000	14N4510	1.000
● AISC-1210H-561K	560	4	29.8	50	14N4515	1.000	...	...

1812

● AISC-1812H-1R8K	1.8	45	0.1	960	14N4529	1.300	14N4530	1.300
● AISC-1812H-2R2K	2.2	62	0.11	900	14N4550	1.300	14N4551	1.300
● AISC-1812H-2R7K	2.7	53	0.12	870	14N4552	1.300	14N4553	1.300
● AISC-1812H-100K	10	23	0.35	650	14N4531	1.300	14N4532	1.300
● AISC-1812H-120K	12	21	0.47	620	14N4538	1.300	14N4539	1.300
● AISC-1812H-150K	15	19	0.54	570	14N4542	1.300	14N4543	1.300
● AISC-1812H-180K	18	17	0.56	480	14N4546	1.300	14N4547	1.300
● AISC-1812H-220K	22	15	0.64	420	14N4554	1.300	14N4555	1.300
● AISC-1812H-270K	27	14	0.75	370	14N4558	1.300	14N4559	1.300
● AISC-1812H-330K	33	12	0.86	310	14N4566	1.300	14N4567	1.300
● AISC-1812H-390K	39	11	1.18	300	14N4570	1.300	14N4571	1.300
● AISC-1812H-470K	47	10	1.38	280	14N4576	1.300	14N4577	1.300
● AISC-1812H-560K	56	9.3	1.56	250	14N4582	1.300	14N4583	1.300
● AISC-1812H-680K	68	8.4	1.92	220	14N4588	1.300	14N4589	1.300
● AISC-1812H-820K	82	7.5	2.08	200	14N4594	1.300	14N4595	1.300
● AISC-1812H-101K	100	6.8	2.96	190	14N4533	1.300	14N4534	1.300
● AISC-1812H-121K	120	6.2	3.2	170	14N4540	1.300	14N4541	1.300</

POWER INDUCTORS – SMD

AISC SERIES UNSHIELDED SMD POWER INDUCTORS (CONT.)

1812

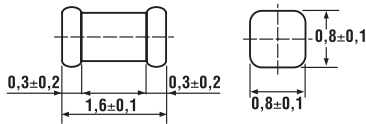
Mfg. Part No.	L (Induct.) (µH)	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut		Tape & Reel	
					Stock No.	Price Each	Stock No.	Price Each
● AISC-1812H-821K	820	2.2	16.8	60	14N4596	1.300	14N4597	1.300
● AISC-1812H-102K	1000	2	26.4	50	14N4536	1.300	14N4537	1.300

SIMID 0603C SERIES LASER-CUT SMD INDUCTORS

Just Added



EPCOS



Features

- High-Resonant Frequency
- Close Tolerances
- High Mechanical Stability
- Free from Polarization Effects Inherent to Other Manufacturing Techniques
- Copper-Plated Ceramic Core
- Electroplated Terminals
- Epoxy Coating

Applications

- Resonant Circuits and Impedance Matching for Cellular Phones, DECT Systems, Keyless Entry, GPS and Video Cameras

Specifications

- Operating Temperature: -55°C to +125°C

Type	Inductance*		Q* _{Typ}	I _{DC} (mA)	R _{DC} (Ω)	Res. Freq. (MHz)	Stock No.	1-99	
	nH	Tol.						Price Each	Price Each
● B82496C3109A	1	± 0.2nH	7	1800	0.02	16	38C7011	0.276	0.276
● B82496C3229A	2.2	± 0.2nH	14	1500	0.035	10	38C7013	0.276	0.276
● B82496C3339A	3.3	± 0.2nH	14	1100	0.06	9	38C7015	0.276	0.276
● B82496C3479J	4.7	± 5%	14	800	0.1	7	38C7017	0.291	0.291
● B82496C3829J	8.2	± 5%	14	650	0.18	6	06J1019	0.291	0.291
● B82496C3100J	10	± 5%	14	1600	0.2	5	38C7009	0.291	0.291
● B82496C3220J	22	± 5%	14	380	0.5	4	38C7012	0.291	0.291
● B82496C3330J	33	± 5%	14	350	0.6	3	38C7014	0.291	0.291
● B82496C3470J	47	± 5%	14	270	0.95	2.5	38C7016	0.291	0.291
● B82496C3101J	100	± 5%	14	160	1.8	1.8	38C7010	0.291	0.291

*@800MHz (69381)

SIMID 1210T SERIES SMD INDUCTORS



EPCOS

Features

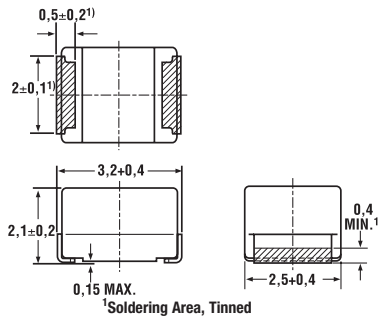
- High Q Factor
- High-Resonant Frequency
- High-Inductance Values
- Compatible with Wave, Reflow (IR and Vapor Phase) Soldering Along with Conductive Adhesion
- Laser-Welded Windings
- Ceramic or Ferrite Cores
- Flame-Retardant Encapsulation
- Electroplated Terminals

Applications

- Supply Voltage Filtering, Coupling, Decoupling, Antenna Systems, Automotive Electronics and Telecommunications

Specifications

- Inductance (L) Tolerance: ±10%



CERAMIC CORE

Type	Inductance*		Q* _{Typ}	I _{DC} (mA)	R _{DC} (Ω)	Res. Freq. (MHz)	Stock No.	1-99		100-499
	µH	Tol.						Price Each	Price Each	
● B82422T3100K	0.010	±10%	15	450	0.10	4000	22C0477	0.378	0.293	0.293
● B82422T3220K	0.022	±10%	23	450	0.16	2000	22C0482	0.378	0.293	0.293
● B82422T3470K	0.047	±10%	26	450	0.20	1300	22C0486	0.378	0.293	0.293
● B82422T3101K	0.100	±10%	28	450	0.31	900	22C0478	0.378	0.293	0.293

*@100MHz

FERRITE CORE

Type	Induct.* (µH)	Q _{min} @ MHz	I _{DC} (mA)	R _{DC} (Ω)	Res. Freq. (MHz)	Stock No.	1-99		100-499
							Price Each	Price Each	
● B82422T1221K	0.22	20@25.2	450	0.20	500	22C0453	0.378	0.293	0.293
● B82422T1471K	0.47	30@25.2	450	0.30	400	22C0465	0.378	0.293	0.293
● B82422T1102K	1.0	30@7.96	400	0.60	300	22C0441	0.378	0.293	0.293
● B82422T1152K	1.5	30@7.96	370	0.70	250	22C0448	0.378	0.293	0.293
● B82422T1222K	2.2	30@7.96	320	0.80	100	22C0454	0.378	0.293	0.293

*@100MHz (69505)

SIMID 1812T SERIES SMD INDUCTORS

Just Added



EPCOS



Features

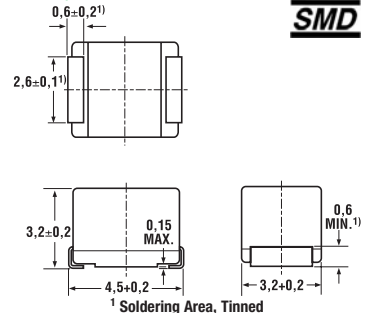
- High Current Capability
- Compatible with Wave, Reflow (IR and Vapor Phase) Soldering Techniques
- Same Measuring Frequency for L or Q
- Laser-Welded Windings
- Upright Ferrite Drum Core
- Flame-Retardant Encapsulation

Applications

- Filtering Supply Voltages, DC/DC Converters, Single-Wire Can in Automotive Applications and Telecommunications Equipment

Specifications

- EIA Size 1812



Mfg. Part No.	Inductance*		Q* _{Typ}	I _{DC} (mA)	R _{DC} (Ω)	Res. Freq. (MHz)	Stock No.	Price Each	
	µH	Tol.						1-24	25-99
● B82432T1102K	1	± 10%	10	1300	0.08	110	38C7000	0.789	0.704
● B82432T1472K	4.7	± 10%	10	750	0.22	40	38C7006	0.789	0.704
● B82432T1103K	10	± 10%	10	650	0.35	25	38C7001	0.789	0.704
● B82432T1153K	15	± 10%	10	600	0.5	20	06J0725	0.789	0.704
● B82432T1223K	22	± 10%	10	450	0.7	15	38C7004	0.789	0.704
● B82432T1473K	47	± 10%	10	350	1.35	11	38C7007	0.789	0.704
● B82432T1334K	330	± 10%	20	120	11	4.1	38C7005	0.789	0.704
● B82432T1474K	470	± 10%	20	100	15	3.5	38C7008	0.789	0.704
● B82432T1105K	1000	± 10%	20	70	30	2.3	38C7003	0.789	0.704

*@100MHz (69442)

ISC SERIES SHIELDED MOLDED INDUCTORS



ISC series surface mount, molded, shielded inductors provide superior strength and moisture prevention. The shielded construction also minimizes coupling to other components. Compatible with vapor phase, infrared and wave soldering methods. Operating temperature: -55°C to +125°C.

Mfg. Part No.	L (Ind.) (µH)	SRF (MHz)	DCR _{max} (mΩ)	I _{DC} (mA)	Tape Cut	
					Stock No.	Price Each
● ISC1210ERR10M	0.1	700	0.5	450	53K5298	0.531
● ISC1210ERR12M	0.12	500	0.2	630	53K5300	0.531
● ISC1210ERR15M	0.15	470	0.2	600	53K5302	0.531
● ISC1210ERR18M	0.18	400	0.24	580	53K5304	0.531
● ISC1210ERR22M	0.22	330	0.3	565	53K5306	0.531
● ISC1210ERR27M	0.27	310	0.33	500	53K5308	0.531
● ISC1210ERR33M	0.33	280	0.36	475	53K5310	0.531
● ISC1210ERR39M	0.39	230	0.4	465	53K5312	0.531
● ISC1210ERR47M	0.47	220	0.44	460	53K5314	0.531
● ISC1210ERR56K	0.56	200	0.46	455	53K5316	0.497
● ISC1210ERR68M	0.68	180	0.48	450	53K5318	0.531
● ISC1210ERR82M	0.82	160	0.5	450	53K5320	0.531
● ISC1210ERR1R0K	1	120	0.6	400	53K5322	0.483
● ISC1210ERR1R2K	1.2	110	0.65	390	53K5324	0.483
● ISC1210ERR1R5K	1.5	90	0.75	370	53K5326	0.483
● ISC1210ERR1R8K	1.8	85	0.85	350	53K5328	0.483
● ISC1210ERR2R2K	2.2	65	0.9	320	53K5340	0.483
● ISC1210ERR2R7K	2.7	60	1	290	53K5342	0.483
● ISC1210ERR3R3K	3.3	60	1.1	270	53K5348	0.483
● ISC1210ERR3R9K	3.9	58	1.2	250	53K5350	0.483
● ISC1210ERR4R7K	4.7	52	1.25	220	53K5356	0.483
● ISC1210ERR5R6K	5.6	50	1.4	210	53K5360	0.483
● ISC1210ERR6R8K	6.8	40	1.6	205	53K5364	0.483
● ISC1210ERR8R2K	8.2	35	1.65	195	53K5368	0.483
● ISC1210ERR100K	10	30	2	185	53K5330	0.483
● ISC1210ERR120K	12	24	2.3	175	53K5334	0.618
● ISC1210ERR150K	15	20	2.5	165	53K5336	0.618
● ISC1210ERR180K	18	17	2.7	155	53K5338	0.618
● ISC1210ERR220K	22	16	3.1	150	53K5344	0.618
● ISC1210ERR270K	27	14.5	3.3	125	53K5346	0.618
● ISC1210ERR330K	33	14.5	5.1	115	53K5352	0.618
● ISC1210ERR390K	39	14	5.9	105	53K5354	0.618
● ISC1210ERR470K	47	13	8	100	53K5358	0.618
● ISC1210ERR560K	56	11.5	10	95	53K5362	0.618
● ISC1210ERR680K	68	11	10	90	53K5366	0.618
● ISC1210ERR820K	82	11	11	85	53K5370	0.618
● ISC1210ERR101K	100	6	12	80	53K5332	0.618
● ISC1812ESR10M	0.1	460	0.23	552	53K5372	0.505

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POWER INDUCTORS – SMD

ISC SERIES SHIELDED MOLDED INDUCTORS (CONT.)

Mfg. Part No.	L (Ind.) (µH)	SRF (MHz)	DCR _{max} (Ω)	I _{DC} (mA)	Tape Cut	
					Stock No.	Price Each
● ISC1812ESR12M	0.12	400	0.26	519	53K5374	0.505
● ISC1812ESR15M	0.15	390	0.29	491	53K5376	0.505
● ISC1812ESR18M	0.18	350	0.32	468	53K5378	0.505
● ISC1812ESR22M	0.22	310	0.36	441	53K5380	0.505
● ISC1812ESR27M	0.27	280	0.4	418	53K5382	0.505
● ISC1812ESR33M	0.33	240	0.45	394	53K5384	0.505
● ISC1812ESR39M	0.39	215	0.6	342	53K5386	0.505
● ISC1812ESR47M	0.47	205	0.75	306	53K5388	0.505
● ISC1812ESR56M	0.56	195	0.8	296	53K5390	0.505
● ISC1812ESR68M	0.68	165	0.95	271	53K5392	0.505
● ISC1812ESR82M	0.82	155	1.2	242	53K5394	0.505
● ISC1812ES1R0K	1	140	0.35	447	53K5396	0.525
● ISC1812ES1R2K	1.2	120	0.38	429	53K5398	0.525
● ISC1812ES1R5K	1.5	100	0.4	418	53K5400	0.525
● ISC1812ES1R8K	1.8	90	0.43	403	53K5402	0.525
● ISC1812ES2R2K	2.2	80	0.46	390	53K5404	0.525
● ISC1812ES2R7K	2.7	67	0.49	378	53K5424	0.525
● ISC1812ES3R3K	3.3	61	0.55	357	53K5434	0.525
● ISC1812ES3R9K	3.9	56	0.59	344	53K5436	0.525
● ISC1812ES4R7K	4.7	50	0.62	336	53K5446	0.525
● ISC1812ES5R6K	5.6	40	0.69	333	53K5452	0.525
● ISC1812ES6R8K	6.8	32	0.75	306	53K5458	0.525
● ISC1812ES8R2K	8.2	30	0.82	292	53K5464	0.525
● ISC1812ES100K	10	25	0.9	279	53K5404	0.525
● ISC1812ES120K	12	22	1	265	53K5410	0.545
● ISC1812ES150K	15	18	1.1	252	53K5414	0.545
● ISC1812ES180K	18	15	1.24	238	53K5418	0.545
● ISC1812ES220K	22	14	1.36	227	53K5426	0.545
● ISC1812ES270K	27	13	1.56	212	53K5430	0.584
● ISC1812ES330K	33	12	1.72	202	53K5438	0.584
● ISC1812ES390K	39	11	1.89	192	53K5442	0.584
● ISC1812ES470K	47	9	2.1	183	53K5448	0.584
● ISC1812ES560K	56	8	2.34	173	53K5454	0.584
● ISC1812ES680K	68	7.6	2.6	164	53K5460	0.584
● ISC1812ES820K	82	7.2	2.86	156	53K5466	0.846
● ISC1812ES101K	100	7	3.25	147	53K5406	0.584
● ISC1812ES121K	120	6	3.64	139	53K5412	0.584
● ISC1812ES151K	150	5	4.16	130	53K5416	0.674
● ISC1812ES181K	180	4.5	5.72	111	53K5420	0.674
● ISC1812ES221K	220	4.2	6.3	105	53K5428	0.674
● ISC1812ES271K	270	4	6.9	101	53K5432	0.674
● ISC1812ES331K	330	3.7	7.54	96	53K5440	0.674
● ISC1812ES391K	390	3.5	8.2	92	53K5444	0.951
● ISC1812ES471K	470	3.3	9.2	87	53K5450	0.951
● ISC1812ES561K	560	2.8	10.5	82	53K5456	0.951
● ISC1812ES681K	680	2.6	12	76	53K5462	0.951
● ISC1812ES821K	820	2.2	13.5	72	53K5468	0.951
● ISC1812ES102K	1000	2	16	66	53K5408	0.951

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WIREWOUND CHIP INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	Q @ 1kHz	Test Frequency	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each
● MCFT000073	27	24	250	2.48	0.300	400	09R3044	0.799
● MCFT000074	33	24	250	2.35	0.350	400	09R3045	0.799
● MCFT000075	39	25	250	2.10	0.550	200	09R3046	0.799
● MCFT000076	47	25	250	2.10	0.830	150	09R3047	0.799
● MCFT000077	56	25	250	1.76	0.970	100	09R3048	0.799
● MCFT000078	68	22	250	1.62	1.120	100	09R3050	0.799
0603 CASE (L=1.6mm, W=0.8mm) - STANDARD								
● MCFT000079	2.2	15	250	6.00	0.100	700	09R3068	0.514
● MCFT000080	3.3	22	250	6.00	0.080	700	09R3071	0.514
● MCFT000081	4.7	25	250	5.80	0.120	700	09R3074	0.514
● MCFT000082	6.8	27	250	5.80	0.110	700	09R3077	0.514
● MCFT000083	10	31	250	4.80	0.130	700	09R3064	0.514
● MCFT000084	12	35	250	4.00	0.130	700	09R3065	0.514
● MCFT000085	15	35	250	4.00	0.170	700	09R3066	0.514
● MCFT000086	18	35	250	3.10	0.170	700	09R3067	0.514
● MCFT000087	22	38	250	3.00	0.190	700	09R3069	0.514
● MCFT000088	27	40	250	2.80	0.220	600	09R3070	0.514
● MCFT000089	33	40	250	2.30	0.220	600	09R3072	0.514
● MCFT000090	39	40	250	2.20	0.250	600	09R3073	0.514
● MCFT000091	47	38	200	2.00	0.280	600	09R3075	0.514
● MCFT000092	56	38	200	1.90	0.310	600	09R3076	0.514
● MCFT000093	68	37	200	1.70	0.340	600	09R3078	0.514
● MCFT000094	82	34	150	1.70	0.540	400	09R3079	0.514
● MCFT000095	100	34	150	1.40	0.580	400	09R3055	0.514
● MCFT000096	120	32	150	1.30	0.650	300	09R3056	0.514
● MCFT000097	150	28	100	1.30	0.950	280	09R3057	0.514
● MCFT000098	180	25	100	1.25	1.400	250	09R3058	0.514
● MCFT000099	220	25	100	1.20	1.600	250	09R3059	0.514
● MCFT000100	270	25	100	0.90	2.100	200	09R3060	0.514
● MCFT000101	330	25	100	0.90	3.800	100	09R3061	0.514
● MCFT000102	390	25	100	0.90	4.350	100	09R3062	0.514
● MCFT000103	470	23	100	0.60	3.60	80	09R3063	0.514
0805 CASE (L=2mm, W=1.2mm) - STANDARD								
● MCFT000104	10	60	500	4.200	0.10	600	09R3101	0.514
● MCFT000105	12	50	500	4.000	0.15	600	09R3102	0.514
● MCFT000106	15	50	500	3.400	0.17	600	09R3103	0.514
● MCFT000107	18	50	500	3.300	0.20	600	09R3104	0.514
● MCFT000108	22	55	500	2.600	0.22	500	09R3106	0.514
● MCFT000109	27	55	500	2.500	0.25	500	09R3107	0.514
● MCFT000110	33	60	500	2.050	0.27	500	09R3109	0.514
● MCFT000111	39	60	500	2.000	0.29	500	09R3110	0.514
● MCFT000112	47	60	500	1.650	0.31	500	09R3112	0.514
● MCFT000113	56	60	500	1.550	0.34	500	09R3113	0.514
● MCFT000114	68	60	500	1.450	0.38	500	09R3114	0.514
● MCFT000115	82	65	500	1.300	0.42	400	09R3115	0.514
● MCFT000116	100	65	500	1.200	0.46	400	09R3087	0.514
● MCFT000117	120	50	250	1.100	0.51	400	09R3088	0.514
● MCFT000118	150	50	250	0.920	0.56	400	09R3089	0.514
● MCFT000119	180	50	250	0.870	0.64	400	09R3090	0.514
● MCFT000120	220	50	250	0.850	0.70	400	09R3091	0.514
● MCFT000121	270	48	250	0.650	1.00	350	09R3092	0.514
● MCFT000122	330	48	250	0.600	1.40	310	09R3093	0.514
● MCFT000123	390	48	250	0.560	1.50	290	09R3094	0.514
● MCFT000124	470	33	100	0.375	1.70	250	09R3095	0.514
● MCFT000125	560	23	50	0.340	1.90	230	09R3096	0.514
● MCFT000126	680	23	50	0.200	2.20	190	09R3097	0.514
● MCFT000127	820	23	50	0.200	2.35	180	09R3098	0.514
● MCFT000128	1000	20	50	0.100	2.50	170	09R3099	0.514
● MCFT000129	1500	16	25	0.100	2.50	170	09R3100	0.514
● MCFT000130	2200	16	7.9	0.060	2.70	160	09R3105	0.514
● MCFT000131	3300	15	7.9	0.040	4.40	90	09R3108	0.514
● MCFT000132	4700	15	7.9	0.040	6.40	90	09R3111	0.514
0805 CASE (L=2mm, W=1.2mm) - LOW PROFILE								
● MCFT000133	10	55	750	3.30	0.08	800	09R3081	0.761
● MCFT000134	15	50	500	2.95	0.10	800	09R3082	0.761
● MCFT000135	22	50	500	2.90	0.15	800	09R3083	0.761
● MCFT000136	33	50	500	2.35	0.28	600	09R3084	0.761
● MCFT000137	47	50	500	2.00	0.39	600	09R3085	0.761
● MCFT000138	68	50	500	1.50	0.40	500	09R3086	0.761
● MCFT000139	100	50	500	1.20	0.64	400	09R3080	0.761
1206 CASE (L=3.2mm, W=1.6mm) - STANDARD								
● MCFT000140	10	50	500	4.100	0.08	1000	09R3122	0.951
● MCFT000141	15	50	500	2.500	0.11	1000	09R3123	0.951

WIREWOUND CHIP INDUCTORS

Just Added



- Features**
- High SRF
 - Low profile
 - Ultra-compact
 - Exceptional Q values

- Applications**
- High Frequency Applications
 - CATV Filter, Tuner
 - Cellular or Cordless Phone
 - Remote Control, Security System
 - Broadband and IT Applications
 - Cellular phone and other Wireless Applications

- Specifications**
- Inductance Tolerance: ± 5%
 - Operating Temp. Range: -40°C to +125°C

0402 CASE (L=1mm, W=0.5mm) - STANDARD

Mfg. Part No.	L (Induct.) (µH)	Q @ 1kHz	Test Frequency	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Price Each	
							Stock No.	1-49
● MCFT000063	1	16	250	12.70	0.045	1360	09R3051	0.799
● MCFT000064	2.2	19	250	10.80	0.070	960	09R3052	0.799
● MCFT000065	3.3	19	250	7.00	0.066	840	09R3053	0.799
● MCFT000066	4.7	18	250	4.70	0.130	640	09R3054	0.799
● MCFT000067	6.8	20	250	4.80	0.083	680	09R3049	0.799
● MCFT000068	10	21	250	3.90	0.195	480	09R3039	0.799
● MCFT000069	12	24	250	3.60	0.120	640	09R3040	0.799
● MCFT000070	15	24	250	3.28	0.172	560	09R3041	0.799
● MCFT000071	18	25	250	3.10	0.230	420	09R3042	0.799
● MCFT000072	22	25	250	2.80	0.300	400	09R3043	0.799

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POWER INDUCTORS – SMD

WIREWOUND CHIP INDUCTORS (CONT.)

1206 CASE (L=3.2mm, W=1.6mm) - STANDARD

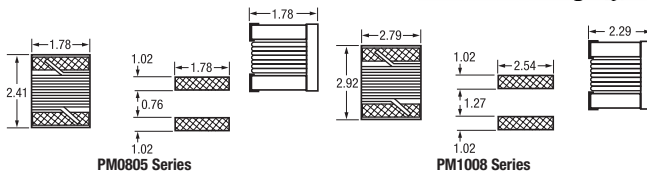
Mfg. Part No.	L (Induct.) (µH)	Q @ 1kHz	Test Frequency	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each	
								1-49	100-499
● MCFT000142	22	55	350	2.400	0.12	1000	09R3124	0.951	
● MCFT000143	33	60	350	1.600	0.14	1000	09R3125	0.951	
● MCFT000144	47	65	350	1.500	0.16	1000	09R3126	0.951	
● MCFT000145	68	65	350	1.300	0.20	1000	09R3127	0.951	
● MCFT000146	150	45	100	0.850	0.70	800	09R3116	0.951	
● MCFT000147	220	45	100	0.700	0.84	500	09R3117	0.951	
● MCFT000148	330	45	100	0.570	1.05	450	09R3118	0.951	
● MCFT000149	470	45	100	0.450	1.19	470	09R3119	0.951	
● MCFT000150	680	45	100	0.375	1.47	540	09R3120	0.951	
● MCFT000151	1000	35	50	0.290	1.75	370	09R3121	0.951	

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PM0805 & PM1008 SERIES SURFACE MOUNT CHIP INDUCTORS



A Bourns Company



PM0805 and PM1008 series surface mount chip inductors have a ceramic core, wire wound for superior reliability. High self-resonant frequency. Very stable electrical characteristic. Flat top surface for automated pick & place. Operating temperature -55 to +125°C. Current to cause 15°C max. temperature rise. Tape & reel packaged (PM0805 series: 3000/reel; PM1008 series: 2000/reel).

PM0805 SERIES: L (Induct.) (nH), ±20% TOLERANCE

Mfg. Part No.	L (Induct.)	Test Freq. (MHz)	Q min.	D _{CR} Max. (Ω)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● PM0805-2N2M-RC	2.2	250	15	0.08	600	63K3017	0.320 0.248
● PM0805-3N3M-RC	3.3	250	50	0.08	600	63K3020	0.320 0.248
● PM0805-6N6M-RC	6.8	250	50	0.11	600	63K3025	0.320 0.248
● PM0805-12N12M-RC	12	250	50	0.15	600	63K3014	0.320 0.248
● PM0805-15N15M-RC	15	250	50	0.17	600	63K3015	0.320 0.248
● PM0805-18N18M-RC	18	250	50	0.20	600	63K3016	0.320 0.248
● PM0805-22N22M-RC	22	250	55	0.22	500	63K3018	0.320 0.248
● PM0805-27N27M-RC	27	250	55	0.25	500	63K3019	0.320 0.248
● PM0805-33N33M-RC	33	250	60	0.27	500	63K3021	0.320 0.248
● PM0805-39N39M-RC	39	250	60	0.29	500	63K3022	0.320 0.248
● PM0805-47N47M-RC	47	200	60	0.31	500	63K3023	0.320 0.248
● PM105-680K-RC	68	2.52	...	0.22	1.11	63K3515	1.560 1.400

PM0805 SERIES: L (Induct.) (nH), ±10% TOLERANCE

● PM0805-56NK-RC	56	200	60	0.34	500	63K3024	0.320 0.248
● PM0805-68NK-RC	68	200	60	0.38	500	63K3026	0.320 0.248
● PM0805-82NK-RC	82	150	65	0.42	400	63K3028	0.320 0.248

PM0805 SERIES: L (Induct.) (µH), ±10% TOLERANCE

● PM0805-R10K-RC	100	150	65	0.46	400	63K3004	0.320 0.248
● PM0805-R12K-RC	120	150	50	0.51	400	63K3005	0.320 0.248
● PM0805-R15K-RC	150	100	50	0.56	400	63K3006	0.320 0.248
● PM0805-R18K-RC	180	100	50	0.64	400	63K3007	0.320 0.248
● PM0805-R22K-RC	220	100	50	0.70	400	63K3008	0.320 0.248
● PM0805-R27K-RC	270	100	40	1.1	280	63K3009	0.320 0.248
● PM0805-R33K-RC	330	100	40	1.2	260	63K3010	0.320 0.248
● PM0805-R39K-RC	390	100	40	1.5	200	63K3011	0.320 0.248
● PM0805-R47K-RC	470	100	40	2.5	170	63K3012	0.320 0.248
● PM0805-R56K-RC	560	50	40	3.5	170	63K3013	0.320 0.248

PM1008 SERIES: L (Induct.) (nH), ±20% TOLERANCE

● PM1008-10NM-RC	10	50	50	0.08	1000	63K3045	0.430 0.328
● PM1008-12NM-RC	12	50	50	0.09	1000	63K3047	0.430 0.328
● PM1008-15NM-RC	15	50	50	0.10	1000	63K3048	0.430 0.328
● PM1008-18NM-RC	18	50	50	0.11	1000	63K3049	0.430 0.328
● PM1008-22NM-RC	22	50	55	0.12	1000	63K3052	0.430 0.328
● PM1008-27NM-RC	27	50	55	0.13	1000	63K3053	0.320 0.248
● PM1008-33NM-RC	33	50	60	0.14	1000	63K3056	0.430 0.328
● PM1008-39NM-RC	39	50	60	0.15	1000	63K3057	0.430 0.328
● PM1008-47NM-RC	47	50	65	0.16	1000	63K3059	0.430 0.328

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PM0805 & PM1008 SERIES SURFACE MOUNT CHIP INDUCTORS (CONT.)

PM1008 SERIES: L (Induct.) (nH), ±10% TOLERANCE

Mfg. Part No.	L (Induct.)	Test Freq. (MHz)	Q min.	D _{CR} Max. (Ω)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● PM1008-56NK-RC	56	50	65	0.18	1000	63K3061	0.430 0.328
● PM1008-68NK-RC	68	50	65	0.20	1000	63K3063	0.430 0.328
● PM1008-82NK-RC	82	50	60	0.22	1000	63K3065	0.320 0.248

PM1008 SERIES: L (Induct.) (µH), ±10% TOLERANCE

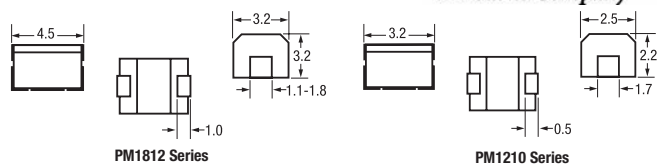
● PM1008-R10K-RC	100	25	60	0.56	650	63K3029	0.430 0.328
● PM1008-R12K-RC	120	25	60	0.68	650	63K3030	0.320 0.248
● PM1008-R15K-RC	150	25	45	0.70	580	63K3031	0.320 0.248
● PM1008-R18K-RC	180	25	45	0.77	620	63K3032	0.320 0.248
● PM1008-R22K-RC	220	25	45	0.84	500	63K3033	0.430 0.328
● PM1008-R27K-RC	270	25	45	0.91	500	63K3034	0.430 0.328
● PM1008-R33K-RC	330	25	45	1.05	450	63K3035	0.430 0.328
● PM1008-R39K-RC	390	25	45	1.12	470	63K3036	0.430 0.328
● PM1008-R47K-RC	470	25	45	1.19	470	63K3037	0.430 0.328
● PM1008-R56K-RC	560	25	45	1.33	400	63K3038	0.320 0.248
● PM1008-R68K-RC	680	25	45	1.47	400	63K3039	0.430 0.328
● PM1008-R82K-RC	820	25	45	1.61	400	63K3040	0.430 0.328
● PM1008-R10K-RC	1	25	35	1.75	370	63K3041	0.320 0.248
● PM1008-R12K-RC	1.2	7.9	35	2	340	63K3042	0.320 0.248
● PM1008-R15K-RC	1.5	7.9	28	2.30	330	63K3043	0.430 0.328
● PM1008-R18K-RC	1.8	7.9	28	2.60	300	63K3044	0.430 0.328
● PM1008-2R2K-RC	2.2	7.9	28	2.60	290	63K3050	0.320 0.248
● PM1008-3R3K-RC	3.3	7.9	22	3.40	290	63K3054	0.430 0.328
● PM1008-3R9K-RC	3.9	7.9	20	3.60	260	63K3055	0.430 0.328
● PM1008-4R7K-RC	4.7	7.9	20	4	260	63K3058	0.430 0.328
● PM1008-5R6K-RC	5.6	7.9	20	7	200	63K3060	0.430 0.328
● PM1008-6R8K-RC	6.8	7.9	20	8	180	63K3062	0.430 0.328
● PM1008-8R2K-RC	8.2	7.9	20	9.50	150	63K3064	0.430 0.328
● PM1008-100K-RC	10	7.9	20	12	100	63K3046	0.320 0.248
● PM0603-10NJ-RC	10	250	30	0.15	700	97M3819	0.312 0.241
● PM0603-27NJ-RC	27	250	40	0.23	700	14P9663	0.312 0.241
● PM0603-33NJ-RC	33	250	43	0.23	600	97M3821	0.312 0.241
● PM0603-47NJ-RC	47	200	40	0.28	600	97M3822	0.312 0.241
● PM0603-82NJ-RC	82	150	35	0.54	400	97M3823	0.312 0.241
● PM0603-R12J-RC	0.12	150	35	0.65	300	97M3818	0.312 0.241
● PM0805G-100J-RC	10	...	50	1.15	15	14P9666	0.200 0.155
● PM0805H-33NJ-RC	33	...	18	0.6	...	14P9667	0.164 0.127
● PM1008S-1R8M-RC	1.8	...	...	0.06	2000	14P9668	0.760 0.588

(72679)

PM SERIES SURFACE MOUNT CHIP INDUCTORS



A Bourns Company



PM1210 and PM1812 series surface mount chip inductors, molded construction for high reliability and superior environmental protection. High resistance to solder heat and moisture. Operating temperature -55 to +105°C. Current to cause 20°C maximum temperature rise. Tape & reel packaged: PM1210: 500/reel; PM1812: 2000/reel.

PM1210 SERIES, ±10% TOLERANCE

Mfg. Part No.	L (Ind.) (µH)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	R _{DC} (max.) Ohms	I _{DC} (max.) Amps	Tape Cut	
							Stock No.	Price Each
● PM1210-R010K-RC	10	15	100	2.5	0.13	450	63K3066	0.370 0.337
● PM1210-R018K-RC	18	21	100	1.9	0.18	450	63K3069	0.370 0.337
● PM1210-R022K-RC	22	23	100	1.7	0.20	450	63K3070	0.370 0.337
● PM1210-R033J-RC	33	25	100	1.4	0.24	450	63K3072	0.502 0.459
● PM1210-R039J-RC	39	25	100	1.3	0.27	450	63K3073	0.502 0.459
● PM1210-R047J-RC	47	26	100	1.2	0.30	450	63K3074	0.502 0.459
● PM1210-R068J-RC	68	27	100	1	0.36	450	63K3076	0.502 0.459
● PM1210-R082J-RC	82	27	100	900	0.40	450	63K3077	0.502 0.459
● PM1210-R15J-RC	150	28	25.2	450	0.25	450	63K3080	0.370 0.337
● PM1210-R18J-RC	180	28	25.2	400	0.28	450	63K3081	0.370 0.337
● PM1210-R22J-RC	220	28	25.2	350	0.32	450	63K3082	0.370 0.337
● PM1210-R27J-RC	270	28	25.2	320	0.36	450	63K3083	0.370 0.337
● PM1210-R33J-RC	330	28	25.2	300	0.40	450	63K3084	0.370 0.337

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POWER INDUCTORS – SMD

PM SERIES SURFACE MOUNT CHIP INDUCTORS (CONT.)

Mfg. Part No.	L (Ind.) (µH)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	R _{DC} (max.) Ohms	I _{DC} (max.) Amps	Tape Cut		
							Stock No.	1-99	100-499
PM1210-R39J-RC	390	28	25.2	250	0.45	450	63K3085	0.370	0.337
PM1210-R47J-RC	470	28	25.2	220	0.50	450	63K3086	0.370	0.337
PM1210-R56J-RC	560	28	25.2	180	0.55	450	63K3087	0.370	0.337
PM1210-R68J-RC	680	28	25.2	160	0.60	450	63K3088	0.370	0.337
PM1210-R82J-RC	820		25.2	140	0.65	450	63K3089	0.370	0.337
PM1210-1R0J-RC	1	28	7.96	120	0.70	400	63K3090	0.370	0.337
PM1210-1R2J-RC	1.2	28	7.96	100	0.75	390	63K3091	0.370	0.337
PM1210-1R5J-RC	1.5	28	7.96	85	0.85	370	63K3092	0.370	0.337
PM1210-1R8J-RC	1.8	28	7.96	80	0.90	350	63K3093	0.370	0.337
PM1210-2R2J-RC	2.2	30	7.96	75	1	320	63K3102	0.370	0.337
PM1210-2R7J-RC	2.7	30	2.52	70	1.1	290	63K3103	0.370	0.337
PM1210-3R3J-RC	3.3	30	7.96	60	1.2	260	63K3107	0.370	0.337
PM1210-3R9J-RC	3.9	30	2.52	55	1.3	250	63K3108	0.370	0.337
PM1210-4R7J-RC	4.7	30	7.96	50	1.7	220	63K3111	0.370	0.337
PM1210-5R6J-RC	5.6	30	2.52	47	1.8	200	63K3113	0.370	0.337
PM1210-6R8J-RC	6.8	30	2.52	43	2	180	63K3115	0.370	0.337
PM1210-8R2J-RC	8.2	30	2.52	40	2.3	170	63K3117	0.370	0.337
PM1210-100J-RC	10	30	2.52	36	2.5	150	63K3094	0.369	0.336
PM1210-120J-RC	12	30	2.52	33	2.8	140	63K3096	0.370	0.337
PM1210-150J-RC	15	30	2.52	30	3.2	130	63K3098	0.370	0.337
PM1210-180J-RC	18	30	2.52	27	3.6	120	63K3100	0.370	0.337
PM1210-220J-RC	22	30	2.52	25	4	110	63K3104	0.370	0.337
PM1210-270J-RC	27	30	2.52	20	5	80	63K3106	0.370	0.337
PM1210-330J-RC	33	30	2.52	17	5.6	70	63K3109	0.370	0.337
PM1210-390J-RC	39	30	2.52	16	6.4	65	63K3110	0.369	0.336
PM1210-470J-RC	47	30	2.52	15	7	60	63K3112	0.370	0.337
PM1210-560J-RC	56	30	2.52	13	8	55	63K3114	0.370	0.337
PM1210-680J-RC	68	30	2.52	12	9	50	63K3116	0.370	0.337
PM1210-820J-RC	82	30	2.52	11	10	45	63K3118	0.370	0.337
PM1210-101J-RC	100	20	0.796	10	10	40	63K3095	0.370	0.337
PM1210-121J-RC	120	20	0.796	10	11	70	63K3097	0.369	0.336
PM1210-151J-RC	150	20	0.796	8	15	65	63K3099	0.370	0.337
PM1210-181J-RC	180	20	0.796	7	17	60	63K3101	0.370	0.337
PM1210-221J-RC	220	20	0.796	7	21	50	63K3105	0.370	0.337

PM1812 SERIES, ±10% TOLERANCE

Mfg. Part No.	L (Ind.) (µH)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	D _{CR} Max. (Ω)	I _{DC} (mA)	Tape Cut		
							Stock No.	1-99	100-499
PM1812-R10K-RC	100	28	25.2	300	0.18	800	63K3119	0.339	0.312
PM1812-R12K-RC	120	30	25.2	280	0.20	770	63K3120	0.339	0.312
PM1812-R15K-RC	150	30	25.2	250	0.22	730	63K3121	0.339	0.312
PM1812-R18K-RC	180	30	25.2	220	0.24	700	63K3122	0.339	0.312
PM1812-R22K-RC	220	30	25.2	200	0.25	665	63K3123	0.339	0.312
PM1812-R27K-RC	270	30	25.2	180	0.26	635	63K3124	0.339	0.312
PM1812-R33K-RC	330	30	25.2	165	0.28	605	63K3125	0.339	0.312
PM1812-R39K-RC	390	30	25.2	150	0.30	575	63K3126	0.339	0.312
PM1812-R47K-RC	470	30	25.2	145	0.32	545	63K3127	0.339	0.312
PM1812-R56K-RC	560	30	25.2	140	0.36	520	63K3128	0.339	0.312
PM1812-R68K-RC	680	30	25.2	135	0.40	500	63K3129	0.339	0.312
PM1812-R82K-RC	820	30	25.2	130	0.45	475	63K3130	0.339	0.312
PM1812-1R0J-RC	1	50	7.96	100	0.50	450	63K3131	0.339	0.312
PM1812-1R2J-RC	1.2	50	7.96	80	0.55	430	63K3132	0.339	0.312
PM1812-1R5J-RC	1.5	50	7.96	70	0.60	410	63K3133	0.339	0.312
PM1812-1R8J-RC	1.8	50	7.96	60	0.65	390	63K3134	0.339	0.312
PM1812-2R2J-RC	2.2	50	7.96	55	0.70	380	63K3144	0.339	0.312
PM1812-2R7J-RC	2.7	50	7.96	50	0.75	370	63K3145	0.339	0.312
PM1812-3R3J-RC	3.3	50	7.96	45	0.80	335	63K3150	0.338	0.312
PM1812-3R9J-RC	3.9	50	7.96	40	0.90	330	63K3151	0.339	0.312
PM1812-4R7J-RC	4.7	50	7.96	35	1	315	63K3156	0.339	0.312
PM1812-5R6J-RC	5.6	50	7.96	33	1.1	300	63K3159	0.339	0.312
PM1812-6R8J-RC	6.8	50	7.96	27	1.2	285	63K3162	0.339	0.312
PM1812-8R2J-RC	8.2	50	7.96	25	1.4	270	63K3165	0.339	0.312
PM1812-100J-RC	10	50	2.52	20	1.6	250	63K3135	0.338	0.312
PM1812-120J-RC	12	50	2.52	18	2	225	63K3138	0.339	0.312
PM1812-150J-RC	15	50	2.52	17	2.5	200	63K3140	0.339	0.312
PM1812-180J-RC	18	50	2.52	15	2.8	190	63K3142	0.339	0.312
PM1812-220J-RC	22	50	2.52	13	3.2	180	63K3146	0.339	0.312
PM1812-270J-RC	27	50	2.52	12	3.6	170	63K3148	0.339	0.312
PM1812-330J-RC	33	50	2.52	11	4	160	63K3152	0.338	0.312
PM1812-390J-RC	39	50	2.52	10	4.5	150	63K3154	0.339	0.312
PM1812-470J-RC	47	50	2.52	10	5	140	63K3157	0.339	0.312
PM1812-560J-RC	56	50	2.52	9	5.5	135	63K3160	0.339	0.312

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PM SERIES SURFACE MOUNT CHIP INDUCTORS (CONT.)

PM1812 SERIES, ±10% TOLERANCE

Mfg. Part No.	L (Ind.) (µH)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	R _{DC} (max.) Ohms	I _{DC} (max.) Amps	Tape Cut		
							Stock No.	1-99	100-499
PM1812-680J-RC	68	50	2.52	9	6	130	63K3163	0.339	0.312
PM1812-820J-RC	82	50	2.52	8	7	120	63K3166	0.339	0.312
PM1812-101J-RC	100	40	0.796	7	8	110	63K3136	0.339	0.312
PM1812-121J-RC	120	40	0.796	6	8	110	63K3139	0.339	0.312
PM1812-151J-RC	150	40	0.796	5	9	105	63K3141	0.339	0.312
PM1812-181J-RC	180	40	0.796	5	9.5	102	63K3143	0.339	0.312
PM1812-221J-RC	220	40	0.796	4	10	100	63K3147	0.339	0.312
PM1812-271J-RC	270	30	0.796	3	12	92	63K3149	0.339	0.312
PM1812-331J-RC	330	30	0.796	3	14	85	63K3153	0.339	0.312
PM1812-391J-RC	390	30	0.796	3	18	80	63K3155	0.339	0.312
PM1812-471J-RC	470	30	0.796	3	26	62	63K3158	0.339	0.312
PM1812-561J-RC	560	30	0.796	2	30	50	63K3161	0.339	0.312
PM1812-681J-RC	680	30	0.796	2	30	50	63K3164	0.339	0.312
PM1812-821J-RC	820	30	0.796	2	35	30	63K3167	0.339	0.312
PM1812-102J-RC	1	30	0.796	2	40	30	63K3137	0.339	0.312

CE201210 SERIES - MULTI-LAYER CHIP INDUCTORS



Features

- 0805 size
- Available in E12 Series
- High frequency
- Nickel barrier

Specifications

- Temperature rise: 30°C Max.
- Operating temperature -55°C to +125°C

Mfg. Part No.	L (Induct.) (µH)	Q Min.	Test Frequency (MHz)	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Price Each	
							Stock No.	1-9
CE201210-47NJ	47	23	100	900	700	300	14P9652	0.100
CE201210-R22J	220	20	50	350	1200	300	14P9650	0.100
CE201210-R47J	47	17	50	200	1500	300	14P9651	0.100

CM453232, CM252016 AND CM322522 SERIES WIREWOOD-CHIP INDUCTORS



Features

- High resistance to heat and humidity
- Resistance to mechanical shock and pressure
- Accurate dimensions for automatic
- surface mounting

Specifications

- Temperature Rise 20°C Max.
- Operating temperature -40 to +100 °C
- Wide inductance range (1.0 nH to 1000 µH)

Mfg. Part No.	L (Induct.) (µH)	Q Min.	Test Frequency (MHz)	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
							Stock No.	1-24
CM453232-100KL	10	50	2.52	20	1.6	250	61J5179	0.206
CM453232-101KL	100	40	2.52	8	8	110	61J5181	0.206
CM453232-102KL	1000	30	0.252	2.5	40	30	61J5183	0.206
CM453232-1R0KL	1	50	7.96	100	0.5	450	61J5171	0.184
CM453232-220KL	22	50	2.52	13	3.2	180	61J5201	0.206
CM453232-221KL	220	20	0.796	7	21	25	61J5203	0.184
CM453232-331KL	330	40	0.796	3.5	14	85	61J5215	0.184
CM453232-470KL	47	50	2.52	3	3.6	170	61J5223	0.206
CM453232-471KL	470	40	0.796	12	26	62	61J5226	0.206
CM453232-4R7KL	4.7	35	7.96	35	1	315	61J5221	0.206
CM453232-680KL	68	50	2.52	9	6	130	61J5236	0.206
CM453232-681KL	680	30	0.796	3	30	50	61J5238	0.206
CM453232-R22ML	0.22	40	25.2	200	0.25	665	61J5154	0.184
CM252016-100KL	10	25	2.52	3.5	3.5	80	62K3078	0.152
CM252016-680KL	68	20	2.52	15	16.6	70	62K3082	0.152
CM322522-100KL	10	30	2.52	36	2.1	140	62K3085	0.160
CM322522-101KL	100	20	0.796	10	10	60	62K3086	0.160
CM322522-1R0KL	1							

POWER INDUCTORS – SMD

IMC SERIES HIGH-FREQUENCY MOLDED INDUCTORS



IMC series inductors feature high self-resonant frequency values and high Q values at higher frequencies. Wirewound, molded construction for superior strength and moisture resistance. EIA sizes 0402 and 0603 has laser spiral and coated coil. **0805-01 series** has open construction. Inductance tolerance: ±20% for 3.9-8.2nH; ±10% for 6.8-1000nH; ±5% for 33-1000nH. Operating temperature: -40°C to +85°C at full rated current. Compatible with vapor phase and reflow soldering. Non-magnetic core. Inductance value (nH) and EIA size are indicated in mfg. part no.

2

Mfg. Part No.	L (Induct.)	SRF (MHz)	DCR Max. (Ω)	I _{DC} (mA)	Tape Cut		
					Stock No.	1-9	10-49
● IMC0402ER1N0S	1nH	6000	0.05	400	53K5118	0.123	0.101
● IMC0402ER1N2S	1.2nH	6000	0.06	400	53K5119	0.123	0.101
● IMC0402ER1N5S	1.5nH	6000	0.07	400	53K5120	0.123	0.101
● IMC0402ER1N8S	1.8nH	6000	0.08	400	53K5121	0.123	0.101
● IMC0402ER2N2S	2.2nH	6000	0.09	400	53K5126	0.123	0.101
● IMC0402ER2N7S	2.7nH	5500	0.1	400	53K5127	0.123	0.101
● IMC0402ER3N3S	3.3nH	5500	0.12	400	53K5130	0.123	0.101
● IMC0402ER3N9S	3.9nH	5200	0.15	360	53K5131	0.123	0.101
● IMC0402ER4N7S	4.7nH	4800	0.17	360	53K5134	0.123	0.101
● IMC0402ER5N6S	5.6nH	4600	0.19	340	53K5136	0.123	0.101
● IMC0402ER6N8J	6.8nH	4000	0.3	320	53K5138	0.123	0.101
● IMC0402ER8N2J	8.2nH	3500	0.35	320	53K5140	0.123	0.101
● IMC0402ER10N1J	10nH	2800	0.41	320	53K5122	0.123	0.101
● IMC0402ER12N1J	12nH	2800	0.45	320	53K5123	0.123	0.101
● IMC0402ER15N1J	15nH	2500	0.6	240	53K5124	0.123	0.101
● IMC0402ER18N1J	18nH	2200	0.7	240	53K5125	0.123	0.101
● IMC0402ER22N1J	22nH	2000	0.8	200	53K5128	0.123	0.101
● IMC0402ER27N1J	27nH	1800	1.2	200	53K5129	0.123	0.101
● IMC0402ER33N1J	33nH	1800	1.4	170	53K5132	0.123	0.101
● IMC0402ER39N1J	39nH	1800	1.7	150	53K5133	0.123	0.101
● IMC0402ER47N1J	47nH	1800	2.1	140	53K5135	0.131	0.108
● IMC0402ER56N1J	56nH	1500	2.5	130	53K5137	0.131	0.108
● IMC0402ER68N1J	68nH	1500	4	120	53K5139	0.131	0.108
● IMC0402ER82N1J	82nH	1400	4.5	110	53K5141	0.131	0.108
● IMC0402ERR10J	100nH	1200	5.5	90	53K5117	0.131	0.108
● IMC0603ER1N5S	1.5nH	6000	0.07	500	53K5142	0.098	0.081
● IMC0603ER1N8S	1.8nH	6000	0.08	500	53K5143	0.098	0.081
● IMC0603ER2N2S	2.2nH	6000	0.09	500	53K5144	0.098	0.081
● IMC0603ER3N3S	3.3nH	5500	0.12	500	53K5145	0.098	0.081
● IMC0603ER3N9J	3.9nH	5500	0.15	450	53K5146	0.098	0.081
● IMC0603ER8N2J	8.2nH	3500	0.28	400	53K5148	0.098	0.081
● IMC0603ER39N1J	39nH	1800	0.8	300	53K5147	0.098	0.081
● IMC0805ER3N9S01	3.9nH	6000	0.06	600	53K5174	0.185	0.153
● IMC0805ER5N6J01	5.6nH	5800	0.08	600	53K5180	0.185	0.153
● IMC0805ER6N8J01	6.8nH	5500	0.06	600	53K5182	0.185	0.153
● IMC0805ER8N2J01	8.2nH	5500	0.06	600	53K5184	0.185	0.153
● IMC0805ER10N1J01	10nH	4800	0.08	600	53K5165	0.185	0.153
● IMC0805ER12N1J01	12nH	4100	0.08	600	53K5167	0.185	0.153
● IMC0805ER15N1J01	15nH	3600	0.08	600	53K5168	0.185	0.153
● IMC-0805-01 .018 5% ER E4	18nH	3400	0.08	600	53K5169	0.185	0.153
● IMC-0805-01 .022 5% ER E4	22nH	3300	0.1	600	53K5172	0.185	0.153
● IMC0805ER27N1J01	27nH	2600	0.12	600	53K5173	0.185	0.153
● IMC0805ER33N1J01	33nH	2400	0.15	500	53K5176	0.185	0.153
● IMC0805ER39N1J01	39nH	2100	0.18	500	53K5177	0.185	0.153
● IMC0805ER47N1J01	47nH	1700	0.15	500	53K5179	0.185	0.153
● IMC0805ER56N1J01	56nH	1600	0.25	500	53K5181	0.185	0.153
● IMC0805ER68N1J01	68nH	1450	0.27	500	53K5183	0.185	0.153
● IMC0805ER82N1J01	82nH	1350	0.32	500	53K5186	0.185	0.153
● IMC0805ERR10J01	100nH	1200	0.43	500	53K5149	0.185	0.153
● IMC0805ERR12J01	120nH	1100	0.48	500	53K5150	0.185	0.153
● IMC0805ERR15J01	150nH	950	0.67	400	53K5151	0.185	0.153
● IMC0805ERR18J01	180nH	900	0.85	350	53K5152	0.185	0.153
● IMC0805ERR22J01	220nH	860	1.1	300	53K5153	0.185	0.153
● IMC0805ERR27J01	270nH	850	1.46	250	53K5154	0.185	0.153
● IMC0805ERR33J01	330nH	800	1.65	200	53K5155	0.185	0.153
● IMC0805ERR39J01	390nH	780	2.2	170	53K5156	0.185	0.153
● IMC0805ERR47J01	470nH	750	0.99	330	53K5157	0.185	0.153
● IMC0805ERR56J01	560nH	730	1.1	300	53K5158	0.185	0.153
● IMC0805ERR68J01	680nH	650	1.2	280	53K5159	0.185	0.153
● IMC0805ERR82J01	820nH	550	2.21	150	53K5160	0.185	0.153
● IMC0805ER1R0J01	1000nH	480	2.5	120	53K5161	0.185	0.153
● IMC0805ER1R2J01	1200nH	220	0.85	400	53K5162	0.174	0.144
● IMC0805ER1R5J01	1500nH	200	1	350	53K5163	0.185	0.153
● IMC0805ER1R8J01	1800nH	120	1.05	350	53K5164	0.185	0.153
● IMC0805ER2R2J01	2200nH	100	1.15	320	53K5170	0.185	0.153
● IMC0805ER2R7J01	2700nH	100	1.25	320	53K5171	0.196	0.162
● IMC0805ER3R3J01	3300nH	70	1.45	300	53K5175	0.196	0.162

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IMC SERIES HIGH-FREQUENCY MOLDED INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.)	SRF (MHz)	DCR Max. (Ω)	I _{DC} (mA)	Tape Cut		
					Stock No.	1-9	10-49
● IMC0805ER4R7J01	4700nH	50	1.75	270	53K5178	0.196	0.162
● IMC0805ER8R2J01	8200nH	40	2.95	150	53K5185	0.196	0.162
● IMC0805ER100J01	10000nH	40	3.15	150	53K5166	0.196	0.162
● IMC1008ER10N1J	10nH	4300	0.08	600	53K5203	0.185	0.153
● IMC1008ER12N1J	12nH	3600	0.08	600	53K5204	0.185	0.153
● IMC1008ER15N1J	15nH	2700	0.08	600	53K5205	0.185	0.153
● IMC1008ER18N1J	18nH	2700	0.1	600	53K5206	0.185	0.153
● IMC1008ER22N1J	22nH	2500	0.1	600	53K5208	0.185	0.153
● IMC1008ER27N1J	27nH	1800	0.1	600	53K5209	0.185	0.153
● IMC1008ER33N1J	33nH	1700	0.1	600	53K5212	0.185	0.153
● IMC1008ER39N1J	39nH	1500	0.1	600	53K5213	0.185	0.153
● IMC1008ER47N1J	47nH	1500	0.1	600	53K5215	0.185	0.153
● IMC1008ER56N1J	56nH	1350	0.12	600	53K5216	0.185	0.153
● IMC1008ER68N1J	68nH	1300	0.15	600	53K5217	0.185	0.153
● IMC1008ER82N1J	82nH	1100	0.18	600	53K5219	0.185	0.153
● IMC1008ERR10J	100nH	1100	0.18	500	53K5187	0.185	0.153
● IMC1008ERR12J	120nH	950	0.2	500	53K5188	0.185	0.153
● IMC1008ERR15J	150nH	880	0.22	500	53K5189	0.185	0.153
● IMC1008ERR18J	180nH	800	0.33	500	53K5190	0.185	0.153
● IMC1008ERR22J	220nH	730	0.45	500	53K5191	0.185	0.153
● IMC1008ERR27J	270nH	650	0.75	500	53K5192	0.185	0.153
● IMC1008ERR33J	330nH	570	0.9	500	53K5193	0.185	0.153
● IMC1008ERR39J	390nH	530	1.2	400	53K5194	0.185	0.153
● IMC1008ERR47J	470nH	480	1.3	400	53K5195	0.185	0.153
● IMC1008ERR56J	560nH	430	1.45	300	53K5196	0.185	0.153
● IMC1008ERR68J	680nH	380	2.45	200	53K5197	0.185	0.153
● IMC1008ERR82J	820nH	350	2.75	150	53K5198	0.185	0.153
● IMC1008ER1R0J	1000nH	310	3.6	90	53K5199	0.185	0.153
● IMC1008ER1R2J	1200nH	230	1.2	230	53K5200	0.196	0.162
● IMC1008ER1R5J	1500nH	182	1.3	220	53K5201	0.196	0.162
● IMC1008ER1R8J	1800nH	135	1.45	210	53K5202	0.196	0.162
● IMC1008ER2R2J	2200nH	105	1.55	200	53K5207	0.196	0.162
● IMC1008ER3R3J	3300nH	55	1.9	185	53K5210	0.196	0.162
● IMC1008ER3R9J	3900nH	48	2.1	180	53K5211	0.196	0.162
● IMC1008ER4R7J	4700nH	43	2.3	175	53K5214	0.196	0.162
● IMC1008ERR82J	8200nH	36	3.05	160	53K5218	0.196	0.162
● IMC1210ER47NM	0.047μH	1000	0.3	483	53K5240	0.376	0.311
● IMC1210ER56NM	0.056μH	1000	0.33	470	53K5242	0.376	0.310
● IMC1210ER68NM	0.068μH	1000	0.36	450	53K5244	0.376	0.311
● IMC1210ER82NM	0.082μH	900	0.4	450	53K5245	0.376	0.311
● IMC1210ERR10K	0.1μH	700	0.44	450	53K5220	0.395	0.325
● IMC1210ERR12K	0.12μH	500	0.22	584	53K5221	0.395	0.325
● IMC1210ERR15K	0.15μH	450	0.25	548	53K5222	0.395	0.325
● IMC1210ERR18K	0.18μH	400	0.28	518	53K5223	0.395	0.325
● IMC1210ERR22K	0.22μH	350	0.32	484	53K5224	0.395	0.325
● IMC1210ERR27K	0.27μH	320	0.36	456	53K5225	0.395	0.325
● IMC1210ERR33K	0.33μH	300	0.4	453	53K5226	0.395	0.325
● IMC1210ERR39K	0.39μH	250	0.45	450	53K5227	0.395	0.325
● IMC1210ERR47K	0.47μH	220	0.5	450	53K5228	0.395	0.325
● IMC1210ERR56K	0.56μH	180	0.55	450	53K5229	0.395	0.325
● IMC1210ERR68K	0.68μH	160	0.6	450	53K5230	0.395	0.325
● IMC1210ERR82K	0.82μH	140	0.67	450	53K5231	0.395	0.325
● IMC1210ER1R0K	1μH	120	0.7	400	53K5232	0.340	0.280
● IMC1210ER1R5K	1.5μH	85	0.85	370	53K5233	0.340	0.280
● IMC1210ER2R2K	2.2μH	75	1	320	53K5237	0.340	0.280
● IMC1210ER3R3K	3.3μH	60	1.2	260	53K5238	0.340	0.280
● IMC1210ER4R7K	4.7μH	50	1.5	224	53K5239	0.340	0.280
● IMC1210ER6R8K	6.8μH	40	1.8	204	53K5243	0.340	0.280
● IMC1210ER100K	10μH	33	2.1	189	53K5234	0.340	0.280
● IMC1210ER470K	47μH	14	9	91	53K5241	0.444	0.36

POWER INDUCTORS – SMD

IMC SERIES HIGH-FREQUENCY MOLDED INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.)	SRF (MHz)	DCR Max. (Ω)	I _{DC} (mA)	Tape Cut		
					Stock No.	Price Each	
						1-9	10-49
● IMC1812ES391K	390µH	3	16	80	53K5256	0.607	0.500
● IMC1812ES681J	680µH	3	30	50	53K5259	0.825	0.679
● IMC1812ES821K	820µH	2.5	35	30	53K5260	0.607	0.500
● IMC1812ES102J	1000µH	2.5	40	30	53K5250	0.825	0.679
● IMC0603ER2N7S	2.7nH	6000	0.1	500	41M0968	0.098	0.081
● IMC0603ER4N7J	4.7nH	4800	0.17	450	41M0972	0.098	0.081
● IMC0603ER5N6J	5.6nH	4600	0.18	430	41M0974	0.098	0.081
● IMC0603ER6N8J	6.8nH	3550	0.2	430	41M0976	0.098	0.081
● IMC0603ER10N1	10nH	2800	0.32	400	41M0964	0.098	0.081
● IMC0603ER12N1	12nH	2800	0.35	400	41M0965	0.098	0.081
● IMC0603ER15N1	15nH	2500	0.41	350	41M0966	0.098	0.081
● IMC0603ER18N1	18nH	2300	0.45	350	41M0967	0.098	0.081
● IMC0603ER22N1	22nH	2000	0.5	300	41M0969	0.098	0.081
● IMC0603ER27N1	27nH	2000	0.55	300	41M0970	0.098	0.081
● IMC0603ER33N1	33nH	1800	0.6	300	41M0971	0.098	0.081
● IMC0603ER47N1	47nH	1800	0.95	250	41M0973	0.098	0.081
● IMC0603ER56N1	56nH	1800	1.2	250	41M0975	0.098	0.081
● IMC0603ER82N1	82nH	1500	1.5	250	41M0977	0.098	0.081
● IMC1812ER1R0K	1µH	100	0.5	450	41M0978	0.680	0.560
● IMC-1812 33µH 10%	33µH	11	4	160	18C6809	0.460	0.379
● IMC-1812 100µH 10%	100µH	8	8	110	18C6806	0.501	0.413
● IMC1812ER331K	330µH	3.5	14	85	41M0979	0.789	0.650
● IMC1812ER471K	470µH	3	26	62	41M0980	0.952	0.784
● IMC1812ER681K	680µH	3	30	50	41M0981	0.952	0.784

(16942)

FERRITE SURFACE MOUNT POWER INDUCTORS



Just Added

Features

- Wide temperature range
- High rated current
- Low DC resistance
- Suitable for reflow soldering

Applications

- Filtering of supply voltages
- Coupling, decoupling
- DC/DC converters
- Automotive/Industrial electronics

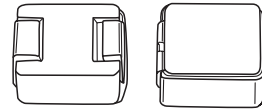
Specifications

- Size: 6.3 x 6.3 x 3mm
- Test Frequency: 0.1 MHz

Mfg. Part No.	L (Induct.) (µH)	I _{DC} (mA)	DCR (mΩ)	Stock No.	Price Each	
					1-9	10-24
● B82462G4102M	1	3.4	0.016	06J0796	1.900	1.710
● B82462G4222M	2.2	2.55	0.025	06J0802	1.900	1.710
● B82462G4332M	3.3	2.3	0.031	06J0805	1.900	1.710
● B82462G4103M	10	1.5	0.062	06J0797	1.900	1.710
● B82462G4333M	33	0.85	0.23	06J0806	1.900	1.710
● B82462G4473M	47	0.75	0.31	06J0809	1.900	1.710

(147917)

IHLP SERIES LOW PROFILE HIGH CURRENT INDUCTORS



IHLP series low-profile, high-current surface mount inductors feature lowest height and DCR/µH ratio in each package size. Shielded construction. Frequency range up to 5.0MHz. Handles high transient current spikes without saturation. Ultra-low buzz noise due to composite construction. 100% lead (Pb) free. Current rating based on 40°C temperature rise. Saturation current will cause L₀ to drop 20%. Operating temperature: -55°C to +125°C. Tolerance: ±20%, Test frequency: 100 kHz

IHLP-2525CZ-01 SERIES

Mfg. Part No.	L ₀ @100kHz, .25V, 0A (µH) ±20%	DCR Max. @25°C (mΩ)	Heat Rating I _{DC} (A)	Tape Cut	
				Stock No.	Price Each
● IHLP2525CZERR10M01	100	1.7	32.5	53K4835	1.660
● IHLP2525CZERR15M01	150	2.5	26	53K4837	1.660
● IHLP2525CZERR20M01	200	3	24	53K4839	1.660
● IHLP2525CZERR22M01	220	2.8	23	53K4841	1.660
● IHLP2525CZERR33M01	330	3.9	20	53K4843	1.660
● IHLP2525CZERR47M01	470	4.2	17.5	53K4845	1.660
● IHLP2525CZERR68M01	680	5.5	15.5	53K4847	1.660
● IHLP2525CZERR82M01	820	8	13	53K4848	1.660
● IHLP2525CZER1R0M01	1	10	11	53K4850	1.660
● IHLP2525CZER1R5M01	1.5	15	9	53K4852	1.660
● IHLP2525CZER2R2M01	2.2	20	8	53K4855	1.660
● IHLP2525CZER3R3M01	3.3	30	6	53K4857	1.660
● IHLP2525CZER4R7M01	4.7	40	5.5	53K4859	1.660

IHLP-5050CE-01 SERIES

● IHLP5050CEERR47M01	470	2	32	53K4867	3.730
● IHLP5050CEERR60M01	600	2.2	29	53K4869	3.730
● IHLP5050CEERR68M01	680	2.5	28	53K4871	3.730
● IHLP5050CEERR82M01	820	3	25	53K4873	3.730
● IHLP5050CEER1R0M01	1	3.5	24	53K4875	3.730
● IHLP5050CEER1R5M01	1.5	5.5	19	53K4877	3.730
● IHLP5050CEER1R8M01	1.8	7	16.5	53K4879	3.730
● IHLP5050CEER2R2M01	2.2	8	16	53K4882	3.730
● IHLP5050CEER3R3M01	3.3	12	12	53K4884	3.730
● IHLP5050CEER4R7M01	4.7	15	10	53K4886	3.730

IHLP-5050EZ-01 SERIES

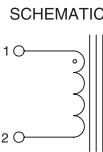
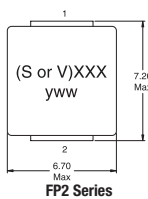
● IHLP5050EZERR10M01	100	600	55	53K4891	5.540
● IHLP5050EZERR22M01	220	800	51	53K4893	5.540
● IHLP5050EZERR33M01	330	1.1	42	53K4895	5.540
● IHLP5050EZERR47M01	470	1.3	38	53K4897	5.540
● IHLP5050EZERR56M01	560	1.5	36	53K4899	5.540
● IHLP5050EZERR68M01	680	1.7	34	53K4901	5.540
● IHLP5050EZERR82M01	820	2.3	31	53K4903	5.540
● IHLP5050EZERR1R0M01	1	2.5	...	...	...
● IHLP5050EZERR1R5M01	1.5	4.1	23	53K4906	5.540
● IHLP5050EZERR2R2M01	2.2	5.5	20	53K4910	5.540
● IHLP5050EZERR3R3M01	3.3	9.2	15	53K4912	5.540
● IHLP5050EZERR4R7M01	4.7	15	12	53K4914	5.540
● IHLP5050EZERR5R6M01	5.6	16.5	11.5	53K4916	6.220
● IHLP5050EZERR6R8M01	6.8	18.5	11	53K4918	2.770
● IHLP5050EZERR7R8M01	7.8	20.5	10	53K4920	6.220
● IHLP5050EZERR8R2M01	8.2	22.5	9.5	53K4922	6.220
● IHLP5050EZERR10M01	10	25.5	9	53K4908	6.220

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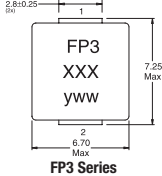
FLAT-PAC™ SURFACE MOUNT INDUCTORS



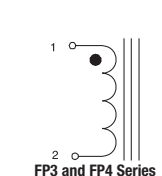
TOP VIEW



TOP VIEW



SCHEMATIC



- Solder Reflow Temperature: +260°C for 10 Sec. Max.
- Tolerance: ±15%
- RoHS Compliant

FP2 series inductors are designed for higher speed switch mode applications requiring lower inductance. Maximum total temperature operation: 125°C. Height: type FP2-S: 3mm; type FP2-V: 5mm. Tape and reel quantities: type FP2-S: 1700/reel; type FP2-V: 950/reel. Additional values available; go online or call Newark.

Mfg. Part No.	L (Induct.) (µH)	I _{rms} (A)	I _{sat} (A)	DCR Nom. (Ω)	Tape Cut		Tape & Reel	
					Stock No.	Price Each	Stock No.	Price Each
● FP2-S047-R	47	39	42	0.0024	29K6181	1.910	29K6182	0.760
● FP2-V100-R	100	37	40	0.0028	29K6703	2.710	29K6189	1.080

Mfg. Part No.	L (Induct.) (µH)	I _{rms} (A)	I _{sat} (A)	DCR Nom. (Ω)	Tape Cut		Tape & Reel	
					Stock No.	Price Each	Stock No.	Price Each
● FP3-R20-R	0.2	15.3	20.8	1.88	29K6192	2.400	29K6193	0.958
● FP3-R47-R	0.47	10.9	14.9	3.67	69K7593	2.240	69K7593	2.240
● FP3-R68-R	0.68	9.72	11.6	4.63	29K6195	2.240	29K6196	0.958
● FP3-1R0-R	1	6.26	9.5	11.2	29K6197	2.280	29K6198	0.958
● FP3-1R5-R	1.5	5.78	8	13.1	29K6199	2.210	29K6200	0.958
● FP3-3R3-R	3.3	3.63	5.5	30	29K6204	1.880	29K6205	0.806
● FP3-4R7-R	4.7	3.23	4.2	40	29K6206	1.990	29K6207	0.806
● FP3-8R2-R	8.2	2.91	3.4	74	29K6727	1.880	29K6208	0.806

Mfg. Part No.	L (Induct.) (µH)	I _{rms} (A)	I _{sat} (A)	DCR Nom. (Ω)	Tape Cut		Tape & Reel	
					Stock No.	Price Each	Stock No.	Price Each
● FP4-100-R	0.1	40	64	0.0065	29K6209	2.050	29K6210	0.867
● FP4-150-R	0.15	40	42	0.0065	29K6211	2.050	29K6212	0.867

(84726)

POWER INDUCTORS – SMD

IHLP SERIES LOW PROFILE HIGH CURRENT INDUCTORS (CONT.)

IHLP-1616AB-01 SERIES

Mfg. Part No.	L ₀ @100kHz, 25V, 0A (µH)±20%	DCR Max. @25°C (mΩ)	Heat Rating I _{DC} (A)	Tape Cut	
				Stock No.	Price Each 1-24
● IHLP1616ABER1ROM01	1	0.05	15	45M5848	1.880
● IHLP1616ABER1ROM11	1	0.047	15	45M5849	1.880
● IHLP1616ABER1R2M11	1.2	0.055	15	45M5850	1.880
● IHLP1616ABER1R5M11	1.5	0.075	15	45M5851	1.880
● IHLP1616ABER2R2M11	2.2	0.1	12	45M5852	1.880
● IHLP1616ABER47NM01	0.047	0.00375	15	45M5853	1.880
● IHLP1616ABER47NM11	0.047	0.0033	15	45M5854	1.880
● IHLP1616ABERR10M01	0.1	0.006	15	45M5842	1.880
● IHLP1616ABERR10M11	0.1	0.0055	15	45M5843	1.880
● IHLP1616ABERR22M01	0.22	0.011	12	45M5844	1.880
● IHLP1616ABERR22M11	0.22	0.0105	15	45M5845	1.880
● IHLP1616ABERR47M01	0.47	0.022	9.5	45M5846	1.880
● IHLP1616ABERR47M11	0.47	0.021	9.5	45M5847	1.880

IHLP-1616BZ-01 SERIES

● IHLP1616BZER1ROM01	1	0.037	15	45M5861	1.920
● IHLP1616BZER1ROM11	1	0.027	15	45M5862	1.920
● IHLP1616BZER2R2M01	2.2	0.009	15	45M5863	1.920
● IHLP1616BZER2R2M11	2.2	0.068	15	45M5864	1.920
● IHLP1616BZER3R3M11	3.3	0.0033	15	45M5865	1.920
● IHLP1616BZER47M11	4.7	0.105	12	45M5866	1.920
● IHLP1616BZERR10M01	0.1	0.005	15	45M5855	1.920
● IHLP1616BZERR10M11	0.1	0.0045	15	45M5856	1.920
● IHLP1616BZERR22M01	0.22	0.0066	15	45M5857	1.920
● IHLP1616BZERR22M11	0.22	0.0085	15	45M5858	1.920
● IHLP1616BZERR47M01	0.47	0.018	15	45M5859	1.920
● IHLP1616BZERR47M11	0.47	0.016	15	45M5860	1.920

(73326)

SDR0503 SERIES SMD POWER INDUCTORS



- Applications**
- Input/output of DC/DC converters
 - Power supplies

- Specifications**
- Operating Temperature: -40°C to +125°C
 - Temperature Rise 40 °C

- Features**
- Available in E12 series
 - Low profile of only 3.3 mm
 - High inductance of 15 mH



Mfg. Part No.	L (Induct.) (µH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each 1-24
● SDR0503-151KL	150	40 @ 0.796 MHz	7	2	0.33	61J8068	0.516

(136932)

SDR0604 SERIES SMD POWER INDUCTORS



- Applications**
- Input/output of DC/DC converters
 - Power supplies

- Specifications**
- Operating Temperature: -40°C to +125°C
 - Temperature Rise 40 °C

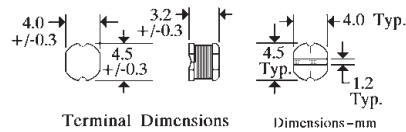
- Features**
- Available in E12 series
 - Small diameter of only 5.8 mm maximum
 - Profile of 4.8 mm



Mfg. Part No.	L (Induct.) (µH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each 1-24
● SDR0604-221KL	220	20 @ 0.796 MHz	6	1.57	0.44	61J8164	0.479

(136933)

PM43 SERIES SMT POWER INDUCTORS



PM43 series surface mount power inductors uses "under the unit" mounting for extremely high-density packaging. Top surface consistency is ideal for use in pick-and-place equipment. Ferrite bobbin core. Operating temperature: -30°C to +100°C.

±20% TOLERANCE

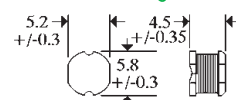
Mfg. Part No.	L (Induct.) (µH)	DCR max. (mΩ)	I _{DC} (A)	Stock No.	Tape Cut		
					1-24	25-99	100-249
● PM43-1R0M-RC	1	49	2.56	63K2836	1.120	0.998	0.827
● PM43-1R4M-RC	1.4	57	2.52	63K2837	1.120	0.998	0.827
● PM43-1R8M-RC	1.8	64	1.95	63K2838	1.120	0.998	0.827
● PM43-2R2M-RC	2.2	72	1.75	63K2843	1.120	0.998	0.827
● PM43-2R7M-RC	2.7	79	1.58	63K2844	1.120	0.998	0.827
● PM43-3R3M-RC	3.3	87	1.44	63K2847	1.120	0.998	0.827
● PM43-3R9M-RC	3.9	94	1.33	63K2848	1.120	0.998	0.827
● PM43-4R7M-RC	4.7	109	1.15	63K2852	1.120	0.998	0.827
● PM43-5R6M-RC	5.6	126	990	63K2854	1.120	0.998	0.827
● PM43-6R8M-RC	6.8	132	950	63K2856	1.120	0.998	0.827
● PM43-8R2M-RC	8.2	147	840	63K2858	1.120	0.998	0.827
● PM43-100M-RC	10	182	1.04	63K2839	1.120	0.998	0.827
● PM43-120M-RC	12	210	970	63K2840	1.120	0.998	0.827
● PM43-150M-RC	15	235	850	63K2841	1.120	0.998	0.827
● PM43-180M-RC	18	338	740	63K2842	1.120	0.998	0.827
● PM43-220M-RC	22	378	680	63K2845	1.120	0.998	0.827
● PM43-270M-RC	27	522	620	63K2846	1.120	0.998	0.827

±10% TOLERANCE

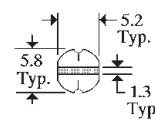
● PM43-330K-RC	33	540	560	63K2849	1.120	0.998	0.827
● PM43-390K-RC	39	587	520	63K2850	1.120	0.998	0.827
● PM43-470K-RC	47	844	440	63K2853	1.120	0.998	0.827
● PM43-560K-RC	56	937	420	63K2855	1.120	0.998	0.827
● PM43-680K-RC	68	1.117	370	63K2857	1.120	0.998	0.827

(48778)

PM54 SERIES SMT POWER INDUCTORS



Terminal Dimensions



Dimensions - mm

PM54 series power inductors uses "under the unit" mounting for extremely high-density packaging. Top surface consistency is ideal for use in pick-and-place equipment. Test frequency: 2.5MHz except mfg. part nos. PM54-101K, PM54-221K: 1kHz.

±20% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	R _{DC} Max. (Ω)	I _{DC} Max. (A)	Stock No.	Price Each
					1-9
● PM54-100M-RC	10	100	1.44	63K2859	1.250
● PM54-120M-RC	12	120	1.4	63K2861	1.250
● PM54-150M-RC	15	140	1.3	63K2863	1.250
● PM54-180M-RC	18	150	1.23	63K2865	1.250
● PM54-220M-RC	22	180	1.11	63K2867	1.250
● PM54-270M-RC	27	200	970	63K2869	1.250
● PM54-330L-RC	33	230	880	63K2870	1.250
● PM54-390L-RC	39	320	800	63K2871	1.250
● PM54-470L-RC	47	370	720	63K2872	1.250
● PM54-560K-RC	56	420	680	63K2873	1.250
● PM54-680K-RC	68	460	610	63K2874	1.250
● PM54-820K-RC	82	600	580	63K2875	1.250
● PM54-101K-RC	100	700	520	63K2860	1.250
● PM54-121K-RC	120	930	480	63K2862	1.250

➤ CONTINUED ➤

POWER INDUCTORS – SMD

PM54 SERIES SMT POWER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	R _{DC} Max. (Ω)	I _{DC} Max. (A)	Stock No.	Price Each
● PM54-151K-RC	150	1.1	400	63K2864	1.250
● PM54-181K-RC	180	1.38	380	63K2866	1.250
● PM54-221K-RC	220	1.57	350	63K2868	1.250

(48774)

SDR SERIES SMD POWER INDUCTORS

Just Added



Applications:

- Input/output of DC/DC converters
- Power supplies for: Portable communications equipment, Camcorders, LCD TVs, Car radios

Specifications:

- Operating and Storage Temperature: -40 °C to +125 °C
- Core Material- Ferrite DR
- Wire Material- Enameled copper



Fig. A



Fig. B

RoHS COMPLIANT — SDR0302 SERIES-FIG A

Mfg. Part No.	Inductance 1kHz		Q Ref	Test Freq. (MHz)	Stock No.	Price Each			
	(µH)	Ind. Tol.				1-24	25-99	100-249	250-499
● SDR0302-1R0ML	1	±20%	20	7.96	04P1868	0.480	0.428	0.348	0.303
● SDR0302-1R5ML	1.5	±20%	23	7.96	04P1869	0.480	0.428	0.348	0.303
● SDR0302-100ML	10	±20%	18	2.52	04P1870	0.480	0.428	0.348	0.303
● SDR0302-101KL	100	±10%	40	0.796	04P1871	0.480	0.428	0.348	0.303
● SDR0302-102KL	1000	±10%	40	0.252	04P1872	0.480	0.428	0.348	0.303
● SDR0302-150ML	15	±20%	20	2.52	04P1873	0.480	0.428	0.348	0.303
● SDR0302-151KL	150	±10%	38	0.796	04P1874	0.480	0.428	0.348	0.303
● SDR0302-2R2ML	2.2	±20%	22	7.96	04P1875	0.480	0.428	0.348	0.303
● SDR0302-220ML	22	±20%	23	2.52	04P1876	0.480	0.428	0.348	0.303
● SDR0302-221KL	220	±10%	40	0.796	04P1877	0.480	0.428	0.348	0.303
● SDR0302-3R3ML	3.3	±20%	23	7.96	04P1878	0.480	0.428	0.348	0.303
● SDR0302-330KL	33	±10%	20	2.52	04P1879	0.480	0.428	0.348	0.303
● SDR0302-331KL	330	±10%	40	0.796	04P1880	0.480	0.428	0.348	0.303
● SDR0302-4R7ML	4.7	±20%	18	7.96	04P1881	0.480	0.428	0.348	0.303
● SDR0302-470KL	47	±10%	23	2.52	04P1882	0.480	0.428	0.348	0.303
● SDR0302-471KL	470	±10%	42	0.796	04P1883	0.480	0.428	0.348	0.303
● SDR0302-6R8ML	6.8	±20%	18	7.96	04P1884	0.480	0.428	0.348	0.303
● SDR0302-680KL	68	±10%	24	2.52	04P1885	0.480	0.428	0.348	0.303

RoHS COMPLIANT-SDR0403 SERIES FIG. A

Mfg. Part No.	L (Induct.) (µH)	Ind. Tol.	Q Ref	Test Freq. (MHz)	Stock No.	Price Each			
						1-24	25-99	100-249	250-499
● SDR0403-1R0ML	1	±20%	28	7.96	04P1887	0.480	0.428	0.348	0.303
● SDR0403-1R4ML	1.4	±20%	28	7.96	04P1888	0.480	0.428	0.348	0.303
● SDR0403-4R7ML	4.7	±20%	20	7.96	04P1900	0.480	0.428	0.348	0.303
● SDR0403-100ML	10	±20%	28	2.52	04P1889	0.480	0.428	0.348	0.303
● SDR0403-220ML	22	±20%	25	2.52	04P1895	0.480	0.428	0.348	0.303
● SDR0403-101KL	100	±10%	35	0.796	04P1890	0.480	0.428	0.348	0.303
● SDR0403-102KL	1000	±10%	38	0.252	04P1891	0.480	0.428	0.348	0.303
● SDR0403-150ML	15	±20%	28	2.52	04P1892	0.480	0.428	0.348	0.303
● SDR0403-151KL	150	±10%	50	0.796	04P1893	0.480	0.428	0.348	0.303
● SDR0403-2R2ML	2.2	±20%	28	7.96	04P1894	0.480	0.428	0.348	0.303
● SDR0403-220ML	22	±20%	25	2.52	04P1895	0.480	0.428	0.348	0.303
● SDR0403-221KL	220	±10%	50	0.796	04P1896	0.480	0.428	0.348	0.303
● SDR0403-3R3ML	3.3	±20%	28	7.96	04P1897	0.480	0.428	0.348	0.303
● SDR0403-330KL	33	±10%	23	2.52	04P1898	0.480	0.428	0.348	0.303
● SDR0403-331KL	330	±10%	40	0.796	04P1899	0.480	0.428	0.348	0.303
● SDR0403-4R7ML	4.7	±20%	20	7.96	04P1900	0.480	0.428	0.348	0.303
● SDR0403-470KL	47	±10%	20	2.52	04P1901	0.480	0.428	0.348	0.303
● SDR0403-471KL	470	±10%	50	0.796	04P1902	0.480	0.428	0.348	0.303
● SDR0403-6R8ML	6.8	±20%	28	7.96	04P1903	0.480	0.428	0.348	0.303
● SDR0403-680KL	68	±10%	20	2.52	04P1904	0.480	0.428	0.348	0.303
● SDR0403-681KL	680	±10%	40	0.796	04P1905	0.480	0.428	0.348	0.303

RoHS COMPLIANT-SDR1806 SERIES FIG. B

Mfg. Part No.	L (Induct.) (µH)	Ind. Tol.	Q Ref	Test Freq. (MHz)	Stock No.	Price Each			
						1-24	25-99	100-249	250-499
● SDR1806-1R0ML	1	±20%	21	7.96	04P1906	1.110	0.987	0.801	0.699
● SDR1806-100ML	10	±20%	22	2.52	04P1907	1.110	0.987	0.801	0.699
● SDR1806-101KL	100	±10%	25	0.796	04P1908	1.110	0.987	0.801	0.699
● SDR1806-102KL	1000	±10%	10	0.252	04P1909	1.110	0.987	0.801	0.699
● SDR1806-150ML	15	±20%	20	2.52	04P1910	1.110	0.987	0.801	0.699
● SDR1806-151KL	150	±10%	23	0.796	04P1911	1.110	0.987	0.801	0.699
● SDR1806-2R2ML	2.2	±20%	21	7.96	04P1912	1.110	0.987	0.801	0.699
● SDR1806-220ML	22	±20%	22	2.52	04P1913	1.110	0.987	0.801	0.699
● SDR1806-221KL	220	±10%	20	0.796	04P1914	1.110	0.987	0.801	0.699
● SDR1806-3R3ML	3.3	±20%	22	7.96	04P1915	1.110	0.987	0.801	0.699
● SDR1806-330ML	33	±20%	24	2.52	04P1916	1.110	0.987	0.801	0.699

▶ CONTINUED ▶

SDR SERIES SMD POWER INDUCTORS (CONT.)

RoHS COMPLIANT-SDR1806 SERIES FIG. B

Mfg. Part No.	Inductance 1kHz		Q Ref	Test Freq. (MHz)	Stock No.	Price Each			
	(µH)	Ind. Tol.				1-24	25-99	100-249	250-499
● SDR1806-331KL	330	±10%	18	0.796	04P1917	1.110	0.987	0.801	0.699
● SDR1806-470ML	47	±20%	22	2.52	04P1918	1.110	0.987	0.801	0.699
● SDR1806-471KL	470	±10%	15	0.796	04P1919	1.110	0.987	0.801	0.699
● SDR1806-5R6ML	5.6	±20%	23	7.96	04P1920	1.110	0.987	0.801	0.699
● SDR1806-680ML	68	±20%	22	2.52	04P1921	1.110	0.987	0.801	0.699
● SDR1806-681KL	680	±10%	12	0.796	04P1922	1.110	0.987	0.801	0.699

RoHS COMPLIANT-SDR0503 SERIES FIG. A

Mfg. Part No.	L (Induct.) (µH)	Ind. Tol.	Q Ref	Test Freq. (MHz)	Stock No.	Price Each			
						1-24	25-99	100-249	250-499
● SDR0503-151KL	150	±10%	40	0.796	61J8068	0.516	0.465	0.377	0.331
● SDR0503-220ML	22	±20%	20	2.52	61J8074	0.516	0.465	0.377	0.331
● SDR0503-330KL	33	±10%	15	2.52	61J8080	0.516	0.465	0.377	0.331
● SDR0604-221KL	220	±10%	20	0.796	61J8164	0.479	0.432	0.350	0.307
● SDR0604-330KL	35	±10%	24	2.52	61J8168	0.479	0.432	0.350	0.307
● SDR0604-680KL	68	±10%	22	2.52	61J8178	0.479	0.432	0.350	0.307
● SDR0604-6R8ML	6.8	±20%	22	7.96	61J8177	0.479	0.432	0.350	0.307

(135705)

SDR0503/0604 SERIES SMD POWER INDUCTORS



Features

- Low Profile: SDR0503 Series—3.3mm Max. SDR0604 Series—4.8mm Max.
- Small Diameter: SDR0503 Series—5.3mm Max. SDR0604 Series—5.8mm Max.

Applications

- Input/Output of DC/DC Converters
- Power Supplies for Portable Communications Equipment, Camcorders, LCD TVs, Car Radios

Specifications

- Operating Temperature: -40°C to +105°C

Suffix	Inductance Tolerance
J	±5%
K	±10%
M	±20%
Y	±15%

RoHS COMPLIANT — SDR0503, REEL QUANTITY: 500

Mfg. Part No.	L (Induct.) (µH)	Q Ref.	SRF Min.	RDC (Ω)	Stock No.	Price Each	
						1-24	25-99
● SDR0503-100ML	10	10	30	130	61J8059	0.516	0.465
● SDR0503-150ML	15	20	27	190	61J8067	0.516	0.465
● SDR0503-220ML	22	20	22	280	61J8074	0.516	0.465
● SDR0503-330KL	33	15	18	380	61J8080	0.516	0.465
● SDR0503-470KL	47	20	14	600	61J8086	0.516	0.465
● SDR0503-680KL	68	20	12	760	61J8092	0.516	0.465
● SDR0503-101KL	100	40	9	1.6	61J8060	0.516	0.465
● SDR0503-151KL	150	40	7	2	61J8068	0.516	0.465
● SDR0503-221KL	220	35	6	2.5	61J8075	0.516	0.465
● SDR0503-331KL	330	30	5	3.3	61J8081	0.516	0.465
● SDR0503-471KL	470	30	5	4.9	61J8087	0.516	0.465
● SDR0503-681KL	680	30	4	7.5	61J8093	0.516	0.465
● SDR0503-102KL	1	40	3	11.5	61J8061	0.516	0.465
● SDR0503-152JL	1.5	40	2	13	61J8069	0.516	0.465
● SDR0503-222JL	2.2	40	2	22	61J8076	0.516	0.465
● SDR0503-332JL	3.3	40	2	38	61J8082	0.516	0.465
● SDR0503-472JL	4.7	40	1	48	61J8088	0.516	0.465
● SDR0503-682JL	6.8	40	1	80	61J8094	0.516	0.465
● SDR0503-103JL	10	30	1	110	61J8062	0.516	0.465
● SDR0503-153JL	15	30	1	168	61J8070	0.516	0.465

RoHS COMPLIANT — SDR0602

● SDR0602-6R8ML	6.8	18	44	180	61J8120	0.589	0.532
● SDR0602-101KL	100	50	7	1.52	61J8099	0.589	0.532
● SDR0602-151KL	150	60	6	2	61J8103	0.589	0.532
● SDR0602-221KL	220	55	5	2.5	61J8107	0.589	0.532
● SDR0602-331KL	330	55	4	3.8	61J8112	0.58	

POWER INDUCTORS – SMD

SDR0503/0604 SERIES SMD POWER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)		Q	SRF Min. (MHz)	RDC (Ω)	Stock No.	Price Each	
	1-24	100-249						
● SDR0604-4R7ML	4.7	±20%	20	34	80	61J8171	0.479	
● SDR0604-6R8ML	6.8	±20%	22	28	120	61J8177	0.479	
● SDR0604-100ML	10	±20%	30	23	100	61J8151	0.479	
● SDR0604-150YL	15	±30%	30	20	140	61J8156	0.479	
● SDR0604-220YL	22	±30%	30	16	190	61J8163	0.479	
● SDR0604-330KL	35	±24%	24	13	250	61J8168	0.479	
● SDR0604-470KL	47	±22%	12	12	370	61J8172	0.479	
● SDR0604-680KL	68	±22%	10	10	520	61J8178	0.479	
● SDR0604-101KL	100	±20%	9	9	700	61J8152	0.479	
● SDR0604-151KL	150	±20%	6	6	1.1	61J8157	0.479	
● SDR0604-221KL	220	±20%	6	6	1.57	61J8164	0.479	
● SDR0604-331KL	330	±25%	3	2.25		61J8169	0.479	
● SDR0604-471KL	470	±25%	3	3.3		61J8173	0.479	
● SDR0604-681KL	680	±26%	2	4.65		61J8179	0.479	

(68929)

SDR SERIES SMD POWER INDUCTORS



Features:

- Small Design: 5.8mm Max. Diameter
- Low 3.8mm Profile
- Ferrite DR Core
- Enameled Copper Wire

Applications:

- Input/Output of DC/DC Converters
- Power Supplies for Portable Communications Equipment, Camcorders, Car Radios, LCD TVs

Specifications:

- Operating Temperature: -40°C to +125°C



Fig. A

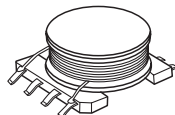


Fig. B

RoHS COMPLIANT — SDR0603 SERIES - FIG. A

Mfg. Part No.	Inductance 1kHz (µH)		Q Ref.	Test Freq. (MHz)	Stock No.	Price Each		
	1-24	100-249				250-499		
● SDR0603-1R5ML	1.5	±20%	24	7.96	61J8123	0.480	0.428	0.348
● SDR0603-2R5ML	2.5	±20%	21	7.96	61J8130	0.480	0.428	0.348
● SDR0603-3R9ML	3.9	±20%	22	7.96	61J8135	0.480	0.428	0.348
● SDR0603-7R5ML	7.5	±20%	19	7.96	61J8146	0.480	0.428	0.348
● SDR0603-100ML	10	±20%	24	2.52	61J8124	0.480	0.428	0.348
● SDR0603-150ML	15	±20%	22	2.52	61J8127	0.480	0.428	0.348
● SDR0603-470KL	47	±10%	20	0.796	61J8140	0.480	0.428	0.348
● SDR0603-560KL	56	±10%	17	0.796	61J8143	0.480	0.428	0.348

RoHS COMPLIANT — SDR0906 SERIES - FIG. B

● SDR0906-150ML	15	±20%	35	2.52	61J8268	0.849	0.757	0.615	0.536
● SDR0906-270KL	27	±10%	35	2.52	61J8278	0.738	0.658	0.534	0.466
● SDR0906-330KL	33	±10%	35	2.52	61J8282	0.738	0.658	0.534	0.466
● SDR0906-680KL	68	±10%	20	2.52	61J8297	0.849	0.757	0.615	0.536
● SDR0906-391KL	390	±10%	15	0.796	61J8286	0.849	0.757	0.615	0.536
● SDR0906-821KL	820	±10%	15	0.796	61J8302	0.849	0.757	0.615	0.536

RoHS COMPLIANT — SDR0805 SERIES - FIG. A

Mfg. Part No.	Inductance 1kHz (µH)		Q Ref.	Test Freq. (MHz)	Stock No.	Price Each			
	1-24	25-99				100-249	250-499		
● SDR0805-100ML	10	±20%	25	2.52	61J8221	0.591	0.527	0.428	0.373
● SDR0805-120ML	12	±20%	25	2.52	61J8224	0.607	0.544	0.440	0.384
● SDR0805-150ML	15	±20%	25	2.52	61J8226	0.591	0.527	0.428	0.373
● SDR0805-180ML	18	±20%	20	2.52	61J8229	0.591	0.527	0.428	0.373
● SDR0805-220ML	22	±20%	20	2.52	61J8233	0.591	0.527	0.428	0.373
● SDR0805-270KL	27	±10%	20	2.52	61J8237	0.591	0.527	0.428	0.373
● SDR0805-330KL	33	±10%	15	2.52	61J8242	0.591	0.527	0.428	0.373
● SDR0805-470KL	47	±10%	15	2.52	61J8249	0.591	0.527	0.428	0.373
● SDR0805-680KL	68	±10%	15	2.52	61J8256	0.591	0.527	0.428	0.373
● SDR0805-820KL	82	±10%	12	2.52	61J8259	0.607	0.544	0.440	0.384
● SDR0805-101KL	100	±10%	12	0.796	61J8222	0.591	0.527	0.428	0.373
● SDR0805-121KL	120	±10%	12	0.796	61J8225	0.607	0.544	0.440	0.384
● SDR0805-181KL	180	±10%	12	0.796	61J8230	0.591	0.527	0.428	0.373
● SDR0805-221KL	220	±10%	12	0.796	61J8235	0.591	0.527	0.428	0.373
● SDR0805-271KL	270	±10%	12	0.796	61J8238	0.607	0.544	0.440	0.384
● SDR0805-331KL	330	±10%	12	0.796	61J8243	0.591	0.527	0.428	0.373
● SDR0805-391KL	390	±10%	12	0.796	61J8246	0.607	0.544	0.440	0.384
● SDR0805-471KL	470	±10%	12	0.796	61J8250	0.591	0.527	0.428	0.373
● SDR0805-561KL	560	±10%	30	0.796	61J8254	0.607	0.544	0.440	0.384

➔ CONTINUED ➔

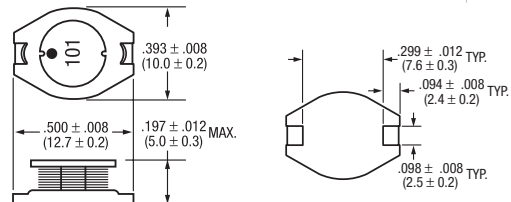
SDR SERIES SMD POWER INDUCTORS (CONT.)

RoHS COMPLIANT — SDR1006 SERIES - FIG. A

Mfg. Part No.	Inductance 1kHz (µH)		Q Ref.	Test Freq. (MHz)	Stock No.	Price Each			
	1-24	25-99				100-249	250-499		
● SDR1006-1R5ML	1.5	±20%	35	7.96	61J8338	0.665	0.593	0.481	0.420
● SDR1006-3R3ML	3.3	±20%	34	7.96	61J8357	0.665	0.593	0.481	0.420
● SDR1006-4R7ML	4.7	±20%	33	7.96	61J8364	0.665	0.593	0.481	0.420
● SDR1006-6R8ML	6.8	±20%	33	7.96	61J8371	0.665	0.593	0.481	0.420
● SDR1006-100ML	10	±20%	30	2.52	61J8339	0.736	0.658	0.532	0.466
● SDR1006-120ML	12	±20%	30	2.52	61J8343	0.736	0.658	0.534	0.466
● SDR1006-150ML	15	±20%	30	2.52	61J8345	0.665	0.593	0.481	0.420
● SDR1006-180ML	18	±20%	30	2.52	61J8348	0.709	0.632	0.513	0.448
● SDR1006-220ML	22	±20%	25	2.52	61J8352	0.665	0.593	0.481	0.420
● SDR1006-270KL	27	±10%	25	2.52	61J8355	0.736	0.658	0.532	0.466
● SDR1006-330KL	33	±10%	25	2.52	57J8826	0.665	0.593	0.481	0.420
● SDR1006-390KL	39	±10%	20	2.52	61J8361	0.736	0.658	0.534	0.466
● SDR1006-470KL	47	±10%	20	2.52	61J8365	0.736	0.658	0.534	0.466
● SDR1006-560KL	56	±10%	20	2.52	61J8369	0.665	0.593	0.481	0.420
● SDR1006-680KL	68	±10%	15	2.52	61J8372	0.736	0.658	0.534	0.466
● SDR1006-820KL	82	±10%	15	2.52	61J8375	0.736	0.658	0.532	0.466
● SDR1006-101KL	100	±10%	15	0.796	61J8341	0.736	0.658	0.534	0.466
● SDR1006-121KL	120	±10%	15	0.796	61J8344	0.736	0.658	0.532	0.466
● SDR1006-151KL	150	±10%	15	0.796	61J8346	0.736	0.658	0.534	0.466
● SDR1006-181KL	180	±10%	12	0.796	61J8349	0.736	0.658	0.532	0.466
● SDR1006-221KL	220	±10%	12	0.796	61J8353	0.736	0.658	0.534	0.466
● SDR1006-271KL	270	±10%	12	0.796	61J8356	0.736	0.658	0.534	0.466
● SDR1006-331KL	330	±10%	12	0.796	61J8359	0.736	0.658	0.534	0.466
● SDR1006-391KL	390	±10%	12	0.796	61J8362	0.736	0.658	0.532	0.466
● SDR1006-471KL	470	±10%	12	0.796	61J8366	0.736	0.658	0.534	0.466
● SDR1006-681KL	680	±10%	12	0.796	61J8373	0.665	0.593	0.481	0.420
● SDR1006-821KL	820	±10%	10	0.796	61J8376	0.736	0.658	0.534	0.466
● SDR1006-102KL	1	±10%	30	0.252	61J8342	0.736	0.658	0.534	0.466
● SDR1006-152KL	1.5	±10%	31	0.252	61J8347	0.665	0.593	0.481	0.420
● SDR1006-222KL	2.2	±10%	31	0.252	61J8354	0.736	0.658	0.534	0.466
● SDR1006-332KL	3.3	±10%	32	0.252	61J8360	0.665	0.593	0.481	0.420

(4154)

SDR1005 SERIES SMD POWER INDUCTORS



Features

- Low Profile: 7.0mm
- Ferrite DR Core

Specifications

- Operating Temperature: -40°C to +105°C

Applications

- Input/Output of DC/DC Converters
- Power Supplies for Portable Communications Equipment, Camcorders, LCD TVs, Car Radios

Mfg. Part No.	L (Induct.) (µH)		Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Stock No.	Price Each	
	1-24	100-249								
● SDR1005-1R0ML	1.0	±20%	20	137	0.01	7.50	9.00	61J8304	0.549	
● SDR1005-1R5ML	1.5	±20%	50	95	0.01	6.50	8.00	61J8305	0.492	
● SDR1005-3R3ML	3.3	±20%	50	54	0.02	5.00	6.40	61J8320	0.550	
● SDR1005-4R7ML	4.7	±20%	50	42	0.02	4.50	5.40	61J8327	0.550	
● SDR1005-6R8ML	6.8	±20%	50	31	0.03	3.40	4.50	61J8332	0.550	
● SDR1005-100ML	10	±20%	50	26	0.05	2.90	3.70	61J8306	0.550	
● SDR1005-150ML	15	±20%	50	22	0.06	2.50	3.00	61J8310	0.550	
● SDR1005-220ML	22	±20%	40	18	0.10	2.00	2.50	61J8315	0.550	
● SDR1005-330KL	33	±10%	25	14	0.12	1.80	2.00	61J8321	0.550	
● SDR1005-470KL	47	±10%	25	12	0.19	1.40	1.60	61J8328	0.550	
● SDR1005-680KL	68	±10%	25	11	0.24	1.20	1.40	61J8333	0.550	
● SDR1005-101KL	100	±10%	30	8	0.33	1.00	1.20	61J8307	0.550	
● SDR1005-151KL	150	±10%	30	6	0.59	0.80	1.00	61J8311	0.550	
● SDR1005-221KL	220	±10%	33	5	0.78	0.70	0.80	61J8316	0.550	
● SDR1005-331KL	330	±10%	33	4	1.15	0.55	0.60	61		

POWER INDUCTORS – SMD

SDR1005 SERIES SMD POWER INDUCTORS (CONT.)

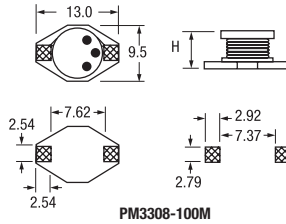
Mfg. Part No.	L (Induct.)		Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Stock No.	Price Each	
	(μH)	Tol. (%)							1-24	100-249
● SDR1005-472JL	4700	±10	93	1	17.00	0.15	0.16	61J8330	0.492	
● SDR1005-682JL	6800	±10	93	1	30.00	0.11	0.12	61J8335	0.492	
● SDR1005-103KL	10000	±10	101	1	39.00	0.10	0.11	61J8309	0.550	

(68926)

PM3300 SERIES SURFACE MOUNT POWER INDUCTORS



PM3308, PM3316 and PM3340 series surface mount power inductors have a high current capacity and high reliability. Low DCR. Ferrite bobbin core; low profile, compact size. High heat resistance, ideal for reflow soldering. Operating temperature: -55°C to +105°C. Test frequency: 100 KHz. Saturation DC current to cause 10% max. inductance drop. Rms current to cause max. temperature rise of 30°C in PM3308, 15°C in PM3316 and 20°C in PM3340. Dimension H: PM3308 = 3.0mm; PM3316 = 5.2mm; PM3340 = 11.5mm. Tape and reel packaged (PM3308: 1000/reel; PM3316: 500/reel; PM3340: 225/reel).



PM3308 SERIES, ±20% TOLERANCE

Mfg. Part No.	L (Induct.) (μH)	DCR Max. (Ω)	I _{sat} (A)	I _{rms} (A)	Tape Cut			
					Stock No.	Price Each		
						1-24	25-99	100-249
● PM3308-100M-RC	10	0.11	2.4	2	63K3540	1.170	1.050	0.840
● PM3308-150M-RC	15	0.15	2.0	1.5	63K3543	1.170	1.050	0.840
● PM3308-220M-RC	22	0.23	1.6	1.3	63K3545	1.170	1.050	0.840
● PM3308-330M-RC	33	0.30	1.4	1.1	63K3547	1.170	1.050	0.840
● PM3308-470M-RC	47	0.39	1.0	0.8	63K3549	1.170	1.050	0.840
● PM3308-680M-RC	68	0.66	0.9	0.7	63K3551	1.170	1.050	0.840
● PM3308-101M-RC	100	0.84	0.7	0.6	63K3541	1.170	1.050	0.840
● PM3308-151M-RC	150	1.2	0.6	0.5	63K3544	1.170	1.050	0.840
● PM3308-221M-RC	220	1.9	0.5	0.4	63K3546	1.170	1.050	0.840
● PM3308-331M-RC	330	2.7	0.4	0.3	63K3548	1.170	1.050	0.840
● PM3308-471M-RC	470	4.0	0.3	0.2	63K3550	1.170	1.050	0.840
● PM3308-681M-RC	680	5.3	0.2	0.1	63K3552	1.170	1.050	0.840
● PM3308-102M-RC	1000	8.4	0.1	0.05	63K3542	1.170	1.050	0.840

PM3316 SERIES, ±20% TOLERANCE

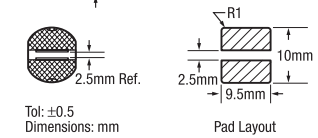
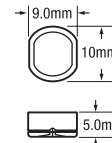
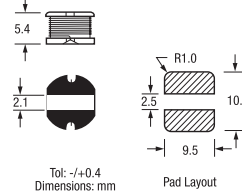
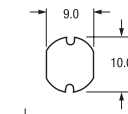
● PM3316-1R0M-RC	1	0.009	9.0	6.8	63K3553	1.130	1.020	0.816
● PM3316-1R5M-RC	1.5	0.010	8.0	6.4	63K3554	1.130	1.020	0.816
● PM3316-2R2M-RC	2.2	0.012	7.0	6.1	63K3560	0.821	0.737	0.593
● PM3316-3R3M-RC	3.3	0.015	6.4	5.4	63K3563	0.821	0.737	0.593
● PM3316-4R7M-RC	4.7	0.018	5.4	4.8	63K3566	1.130	1.020	0.816
● PM3316-6R8M-RC	6.8	0.027	4.6	4.4	63K3569	1.130	1.020	0.816
● PM3316-100M-RC	10	0.038	3.8	3.9	63K3555	0.821	0.737	0.593
● PM3316-150M-RC	15	0.046	3.0	3.1	63K3558	0.821	0.737	0.593
● PM3316-220M-RC	22	0.085	2.6	2.7	63K3561	1.130	1.020	0.816
● PM3316-330M-RC	33	0.10	2.0	2.1	63K3564	1.130	1.020	0.816
● PM3316-470M-RC	47	0.14	1.6	1.8	63K3567	1.130	1.020	0.816
● PM3316-680M-RC	68	0.20	1.4	1.5	63K3570	1.130	1.020	0.816
● PM3316-101M-RC	100	0.28	1.2	1.3	63K3556	1.130	1.020	0.816
● PM3316-151M-RC	150	0.40	1.0	1	63K3559	1.130	1.020	0.816
● PM3316-221M-RC	220	0.61	0.8	0.8	63K3562	1.130	1.020	0.816
● PM3316-331M-RC	330	1.02	0.6	0.6	63K3565	1.130	1.020	0.816
● PM3316-471M-RC	470	1.27	0.5	0.5	63K3568	0.821	0.737	0.593
● PM3316-681M-RC	680	2.02	0.4	0.4	63K3571	1.130	1.020	0.816
● PM3316-102M-RC	1000	3	0.3	0.3	63K3557	1.130	1.020	0.816

PM3340 SERIES, ±20% TOLERANCE

● PM3340-100M-RC	10	0.033	8.0	3.5	63K3572	1.200	1.080	0.865
● PM3340-150M-RC	15	0.042	7.0	3	63K3575	1.200	1.080	0.865
● PM3340-220M-RC	22	0.054	5.5	2.5	63K3577	1.200	1.080	0.865
● PM3340-330M-RC	33	0.08	4.0	2.0	63K3579	1.200	1.080	0.865
● PM3340-470M-RC	47	0.1	3.8	1.6	63K3581	1.200	1.080	0.865
● PM3340-680M-RC	68	0.17	3.0	1.2	63K3583	1.200	1.080	0.865
● PM3340-101M-RC	100	0.22	2.5	1.2	63K3573	1.200	1.080	0.865
● PM3340-151M-RC	150	0.34	2.0	0.9	63K3576	1.200	1.080	0.865
● PM3340-221M-RC	220	0.44	1.6	0.7	63K3578	1.200	1.080	0.865
● PM3340-331M-RC	330	0.7	1.2	0.6	63K3580	1.200	1.080	0.865
● PM3340-471M-RC	470	0.95	1.0	0.3	63K3582	1.200	1.080	0.865
● PM3340-681M-RC	680	1.2	1.0	0.2	63K3584	1.200	1.080	0.865
● PM3340-102M-RC	1000	2	0.8	0.1	63K3574	1.200	1.080	0.865

(72681)

PM105 AND PM105SB SERIES SURFACE MOUNT POWER INDUCTORS



PM105 and PM105SB series surface mount power inductors have a high current capacity. Ferrite bobbin core; low core loss for high frequency power application. Compact size. Large terminal surface for strong PC board bonding. PM105SB magnetically shielded for low radiation. Operating temperature: -30°C to +100°C. Current to cause 10% max. inductance drop or temperature rise of 40°C. Sold in tape and reel packages of 500.

RoHS COMPLIANT — PM105 SERIES, ±20% TOLERANCE

Mfg. Part No.	L (Ind.) (μH)	Test Freq.	DCR Max. (Ω)	I _{DC} (A)	Tape Cut			
					Stock No.	1-24	25-99	100-249
● PM105-100M-RC	10	2.52MHz	0.06	2.6	63K3495	1.560	1.400	1.130
● PM105-120M-RC	12	2.52MHz	0.07	2.45	63K3497	1.560	1.400	1.130
● PM105-150M-RC	15	2.52MHz	0.08	2.27	63K3499	1.560	1.400	1.130
● PM105-180M-RC	18	2.52MHz	0.09	2.15	63K3501	1.560	1.400	1.130
● PM105-220M-RC	22	2.52MHz	0.1	1.96	63K3503	1.560	1.400	1.130
● PM105-270M-RC	27	2.52MHz	0.11	1.76	63K3505	1.560	1.400	1.130
● PM105-330M-RC	33	2.52MHz	0.12	1.5	63K3507	1.560	1.400	1.130
● PM105-390M-RC	39	2.52MHz	0.14	1.37	63K3509	1.560	1.400	1.130

RoHS COMPLIANT — PM105 SERIES, ±10% TOLERANCE

● PM105-470K-RC	47	2.52MHz	0.17	1.28	63K3511	1.560	1.400	1.130
● PM105-560K-RC	56	2.52MHz	0.19	1.17	63K3513	1.560	1.400	1.130
● PM105-680K-RC	68	2.52MHz	0.22	1.11	63K3515	1.560	1.400	1.130
● PM105-820K-RC	82	2.52MHz	0.25	1	63K3517	1.560	1.400	1.130
● PM105-101K-RC	100	1kHz	0.35	0.97	63K3496	1.560	1.400	1.130
● PM105-121K-RC	120	1kHz	0.4	0.89	63K3498	1.560	1.400	1.130
● PM105-151K-RC	150	1kHz	0.47	0.78	63K3500	1.560	1.400	1.130
● PM105-181K-RC	180	1kHz	0.63	0.72	63K3502	1.560	1.400	1.130
● PM105-221K-RC	220	1kHz	0.73	0.66	63K3504	1.560	1.400	1.130
● PM105-271K-RC	270	1kHz	0.97	0.57	63K3506	1.560	1.400	1.130
● PM105-331K-RC	330	1kHz	1.15	0.52	63K3508	1.560	1.400	1.130
● PM105-391K-RC	390	1kHz	1.3	0.48	63K3510	1.560	1.400	1.130
● PM105-471K-RC	470	1kHz	1.48	0.42	63K3512	1.560	1.400	1.130
● PM105-561K-RC	560	1kHz	1.9	0.33	63K3514	1.560	1.400	1.130
● PM105-681K-RC	680	1kHz	2.25	0.28	63K3516	1.560	1.400	1.130
● PM105-821K-RC	820	1kHz	2.55	0.24	63K3518	1.560	1.400	1.130

RoHS COMPLIANT — PM105SB SERIES, ±20% TOLERANCE

● PM105SB-100M-RC	10	2.52MHz	0.06	2.06	63K3519	1.210	1.080	0.868
● PM105SB-120M-RC	12	2.52MHz	0.06	1.94	63K3521	1.210	1.080	0.868
● PM105SB-150M-RC	15	2.52MHz	0.07	1.72	63K3523	2.160	1.940	1.570
● PM105SB-180M-RC	18	2.52MHz	0.08	1.58	63K3525	1.210	1.080	0.868
● PM105SB-220M-RC	22	2.52MHz	0.09	1.42	63K3527	1.210	1.080	0.868
● PM105SB-270M-RC	27	2.52MHz	0.11	1.32	63K3529	1.210	1.080	0.868

RoHS COMPLIANT — PM105SB SERIES, ±15% TOLERANCE

● PM105SB-330L-RC	33	2.52MHz	0.11	1.16	63K3531	1.210	1.080	0.868
● PM105SB-390L-RC	39	2.52MHz	0.12	1.1	63K3533	1.210	1.080	0.868
● PM105SB-470L-RC	47	2.52MHz	0.14	1	63K3535	1.210	1.080	0.868
● PM105SB-560L-RC	56	2.52MHz	0.19	0.93	63K3537	1.210	1.080	0.868
● PM105SB-680L-RC	68	2.52MHz	0.21	0.85	63K3539	1.210	1.080	0.867
● PM105SB-820L-RC	82	2.52MHz	0.28	0.79	63K3539	1.210	1.080	0.868

RoHS COMPLIANT — PM105SB SERIES, ±10% TOLERANCE

● PM105SB-101K-RC	100	1kHz	0.34	0.72	63K3520	1.210	1.080	0.868
● PM105SB-121K-RC	120	1kHz	0.37	0.63	63K3522	1.210	1.080	0.868
● PM105SB-151K-RC	150	1kHz	0.51	0.55	63K3524	1.210	1.080	0.868
● PM105SB-181K-RC	180	1kHz	0.57	0.5	63K3526	1.210	1.080	0.868
● PM105SB-221K-RC	220	1kHz	0.78	0.47	63K3528	1.210	1.080	0.868
● PM105SB-271K-RC	270	1kHz	0.87	0.41	63K3530	1.210	1.080	0.868
● PM105SB-331K-RC	330	1kHz	1.2	0.37	63K3532	1.210	1.080	0.868
● PM105SB-391K-RC	390	1kHz	1.34	0.35	63K3534	1.210	1.080	0.868
● PM105SB-471K-RC	470	1kHz	1.5	0.33	63K3536	1.210	1.080	0.868

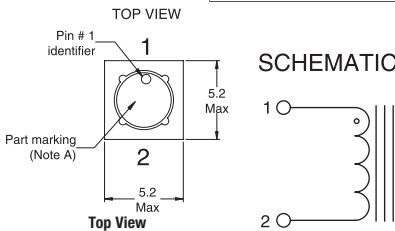
(72682)

POWER INDUCTORS – SMD

SD SERIES HIGH POWER DENSITY, LOW PROFILE, SHIELDED INDUCTORS



- Ferrite Shielded, Low EMI
- Solder Reflow Temperature: +260°C for 10 Sec. Max.
- Tolerance: ±20%



Tape and reel packaged, 3800/reel. Additional values available; go online or call Newark.

Mfg. Part No.	L (Induct.) (µH)	OCL (µH)	I _{rms} (A)	I _{sat} (A)	DCR Typ. (Ω)	V-µSec Typ.	Tape Cut	
							Stock No.	Price Each
● SD10-4R7-R	4.7	4.893	1.04	1.08	0.1535	6.9	29K6706	2.070
● SD12-100-R	10	10.89	0.938	0.818	0.2844	13.4	29K6707	2.030
● SD14-470-R	47	47.57	0.525	0.538	0.9055	30.4	29K6708	2.070
● SD18-2R2-R	2.2	2.25	2.55	2.16	0.0398	5.04	29K6710	2.020
● SD18-4R7-R	4.7	4.41	1.77	1.54	0.0824	7.06	29K6711	2.110
● SD18-150-R	15	15.21	1.06	0.831	0.2278	13.1	29K6709	2.110
● SD18-470-R	47	47.61	0.578	0.47	0.7732	23.18	29K6712	2.110

(84715)

SRP SERIES SHIELDED POWER INDUCTORS

Just Added



Applications:

- Input/output of DC/DC converters
- Power supplies for: Portable communications equipment, Camcorders, LCD TVs, Car radios

Specifications:

- Test Frequency- 100 KHz
- Reflow Soldering: 230 °C; 50 sec max
- Temperature Rise: 40 °C at rated I_{rms}
- Resistance to Soldering Heat: 260 °C for 10 sec.
- Wire Material- Enameled copper
- Core Material- Iron
- Wire Material- Enameled copper
- Rated Current- Ind. drops 20 % at I_{sat}

SRP1040 SERIES

Mfg. Part No.	L (Induct.) (µH)	DC Current Rating (A)	DCR Max (ohm)	Stock No.	Price Each		
					1-49	50-99	100-249
● SRP1040-R36M	0.36	40	0.0014	04P1924	1.830	1.610	1.380
● SRP1040-R47M	0.47	38	0.0016	04P1925	1.830	1.610	1.380
● SRP1040-R56M	0.56	36	0.0019	04P1926	1.830	1.610	1.380
● SRP1040-R68M	0.68	32	0.0024	04P1927	1.830	1.610	1.380
● SRP1040-1R0M	1	28	0.0035	04P1928	1.830	1.610	1.380
● SRP1040-1R5M	1.5	20	0.0075	04P1929	1.830	1.610	1.380
● SRP1040-2R2M	2.2	17	0.0086	04P1932	1.830	1.610	1.380
● SRP1040-3R3M	3.3	14	0.01	04P1934	1.830	1.610	1.380
● SRP1040-4R7M	4.7	13	0.014	04P1936	1.830	1.610	1.380
● SRP1040-5R6M	5.6	12	0.016	04P1938	1.830	1.610	1.380
● SRP1040-8R2M	8.2	8	0.033	04P1939	1.830	1.610	1.380
● SRP1040-100M	10	9	0.035	04P1930	1.830	1.610	1.380
● SRP1040-150M	15	7	0.057	04P1931	1.830	1.610	1.380
● SRP1040-220M	22	6	0.062	04P1933	1.830	1.610	1.380
● SRP1040-330M	33	5	0.087	04P1935	1.830	1.610	1.380
● SRP1040-470M	47	3	0.16	04P1937	1.830	1.610	1.380

SRP1235 SERIES

● SRP1235-R10M	0.1	56	0.00096	04P1940	1.630	1.430	1.220
● SRP1235-R15M	0.15	50	0.0012	04P1941	1.630	1.430	1.220
● SRP1235-R22M	0.22	50	0.0013	04P1942	1.630	1.430	1.220
● SRP1235-R33M	0.33	50	0.0015	04P1943	1.630	1.430	1.220
● SRP1235-R47M	0.47	44	0.002	04P1944	1.630	1.430	1.220
● SRP1235-R60M	0.6	42	0.0025	04P1945	1.630	1.430	1.220
● SRP1235-R68M	0.68	40	0.0025	04P1946	1.630	1.430	1.220
● SRP1235-R82M	0.82	38	0.003	04P1947	1.630	1.430	1.220
● SRP1235-1R0M	1	36	0.0035	04P1948	1.630	1.430	1.220
● SRP1235-1R5M	1.5	28	0.0055	04P1949	1.630	1.430	1.220
● SRP1235-1R8M	1.8	24	0.007	04P1950	1.630	1.430	1.220
● SRP1235-2R2M	2.2	20	0.008	04P1951	1.630	1.430	1.220
● SRP1235-3R3M	3.3	18	0.012	04P1952	1.630	1.430	1.220
● SRP1235-4R7M	4.7	16	0.015	04P1953	1.630	1.430	1.220
● SRP1235-5R6M	5.6	14	0.018	04P1954	1.630	1.430	1.220
● SRP1235-6R8M	6.8	13	0.022	04P1955	1.630	1.430	1.220

SRP1250 SERIES

● SRP1250-R36M	0.36	75	0.0011	04P1956	1.950	1.710	1.470
● SRP1250-R47M	0.47	65	0.0013	04P1957	1.950	1.710	1.470
● SRP1250-R56M	0.56	55	0.0015	04P1958	1.950	1.710	1.470
● SRP1250-R68M	0.68	54	0.0017	04P1959	1.950	1.710	1.470

➔ CONTINUED ➔

SRP SERIES SHIELDED POWER INDUCTORS (CONT.)

SRP1250 SERIES

Mfg. Part No.	L (Induct.) (µH)	DC Current Rating (A)	DCR Max (ohm)	Stock No.	Price Each		
					1-49	50-99	100-249
● SRP1250-R82M	0.82	53	0.0023	04P1960	1.950	1.710	1.470
● SRP1250-1R0M	1	50	0.0025	04P1961	1.950	1.710	1.470
● SRP1250-1R5M	1.5	48	0.0041	04P1962	1.950	1.710	1.470
● SRP1250-100M	10	16	0.0255	04P1963	1.950	1.710	1.470
● SRP1250-2R2M	2.2	32	0.0055	04P1964	1.950	1.710	1.470
● SRP1250-3R3M	3.3	32	0.0092	04P1965	1.950	1.710	1.470
● SRP1250-4R7M	4.7	27	0.015	04P1966	1.950	1.710	1.470
● SRP1250-6R8M	6.8	21	0.0185	04P1967	1.950	1.710	1.470

SRP1270 Series

● SRP1270-R68M	0.68	60	0.0016	04P1969	1.830	1.610	1.380
● SRP1270-1R0M	1	50	0.0021	04P1970	1.830	1.610	1.380
● SRP1270-1R5M	1.5	48	0.0026	04P1971	1.830	1.610	1.380
● SRP1270-2R2M	2.2	40	0.0042	04P1972	1.830	1.610	1.380
● SRP1270-3R3M	3.3	35	0.0066	04P1973	1.830	1.610	1.380
● SRP1270-4R7M	4.7	30	0.0112	08P4223	1.830	1.610	1.380
● SRP1270-6R8M	6.8	21	0.014	04P1974	1.830	1.610	1.380
● SRP1250-7R8M	7.8	32	0.0055	04P1968	1.950	1.710	1.470
● SRP1270-8R2M	8.2	17	0.015	04P1975	1.830	1.610	1.380
● SRP1270-100M	10	16	0.0168	08P4222	1.830	1.610	1.380

SRP7030 Series

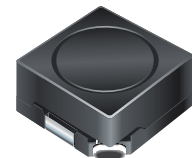
● SRP7030-R10M	0.1	42	0.0017	04P1976	1.510	1.320	1.130
● SRP7030-R15M	0.15	38	0.0025	04P1977	1.510	1.320	1.130
● SRP7030-R20M	0.2	36	0.003	04P1978	1.510	1.320	1.130
● SRP7030-R22M	0.22	36	0.0028	04P1979	1.510	1.320	1.130
● SRP7030-R33M	0.33	30	0.0039	04P1980	1.510	1.320	1.130
● SRP7030-R47M	0.47	26	0.0042	04P1981	1.510	1.320	1.130
● SRP7030-R68M	0.68	23	0.0055	04P1982	1.510	1.320	1.130
● SRP7030-R82M	0.82	20	0.008	04P1983	1.510	1.320	1.130
● SRP7030-1R0M	1	15	0.01	04P1984	1.510	1.320	1.130
● SRP7030-1R5M	1.5	14	0.015	04P1985	1.510	1.320	1.130
● SRP7030-2R2M	2.2	12	0.02	04P1987	1.510	1.320	1.130
● SRP7030-3R3M	3.3	10	0.03	04P1988	1.510	1.320	1.130
● SRP7030-4R7M	4.7	6.5	0.03	04P1989	1.510	1.320	1.130
● SRP7030-6R8M	6.8	6	0.03	04P1991	1.510	1.320	1.130
● SRP7030-8R2M	8.2	5.5	0.03	04P1992	1.510	1.320	1.130
● SRP7030-100M	10	4.5	0.085	04P1986	1.510	1.320	1.130

(135711)

SRR SERIES SHIELDED POWER INDUCTORS



High-current inductors in a low-profile design. Ideal for power supplies in communications equipment and input/output of DC/DC converters. Ferrite DR, RI core. Enameled copper wire. Nickel-bronze terminal. Standard EIA sizes. Size is indicated in type number: SRRxxxx where xxxx is EIA size. Operating temperature: -40°C to +105°C.



SRR SERIES

Mfg. Part No.	L (Induct.) (µH)	Q Nom.	SRF MHz	Stock No.	Price Each		
					1-24	25-49	50-99
● SRR0603-1R5ML	1.5 ± 20%	20	95	62K3114	0.510	0.462	0.375
● SRR0603-4R7ML	4.7 ± 20%	2013	45	62K3118	0.590	0.535	0.434
● SRR0603-100ML	10 ± 20%	2016	25	61J8888	0.590	0.535	0.434
● SRR0603-150ML	15 ± 20%	2016	25	62K3116	0.510	0.462	0.375
● SRR0603-220ML	22 ± 20%	2016	20	62K3117	0.590	0.535	0.434
● SRR0603-470KL	47 ± 10%	2013	13	53K7837	0.590	0.535	0.434
● SRR0603-102KL	1000 ± 10%	2020	3	62K3115	0.510	0.462	0.375
● SRR0604-4R7ML	4.7 ± 20%	2010	50	62K3120	0.510	0.462	0.375
● SRR0604-6R8ML	6.8 ± 20%	2020	37	62K3121	0.590	0.535	0.434
● SRR0604-150ML	15 ± 20%	2018	30	62K3119	0.590	0.535	0.434
● SRR0604-6R8KL	6.8 ± 10%	2015	15	62K3122	0.590	0.535	0.434
● SRR0804-7R5M	7.5 ± 20%	2020	40	16C0823	0.590	0.535	0.434
● SRR0804-100M	10 ± 20%	2038	32	16C0812	0.590	0.535	0.434
● SRR0804-150M	15 ± 20%	2038	25	16C0814	0.590	0.535	0.434
● SRR0804-220Y	22 ± 15%	2030	22	16C0816	0.590	0.535	0.434
● SRR0804-330Y	33 ± 15%	2026	17	16C0818	0.590	0.535	0.434
● SRR0805-2R2M	2.2 ± 20%	2018	75	16C0831	0.590	0.535	0.434
● SRR0805-3R9M	3.9 ± 20%	2020	50	16C0834	0.590	0.535	0.434
● SRR0805-100M	10 ± 20%	2040	28	16C0825	0.590	0.535	0.434
● SRR0805-150M	15 ± 20%	2040	22	16C082			

POWER INDUCTORS – SMD

SRR SERIES SHIELDED POWER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) µH	Q Nom.	SRF MHz	Stock No.	Price Each		
					1-24	25-49	50-99
● SRR0805-330Y	33 ± 15%	2040	13.5	16C0835	0.590	0.535	0.434
● SRR0805-470Y	47 ± 15%	2032	10.5	16C0837	0.590	0.535	0.434
● SRR0805-680K	68 ± 10%	2028	9	16C0840	0.590	0.535	0.434
● SRR0805-151K	150 ± 10%	2039	6.5	34C8910	0.590	0.535	0.434
● SRR0805-221K	220 ± 10%	2038	4.5	34C8911	0.590	0.535	0.434
● SRR0805-331K	330 ± 10%	2036	3.8	34C8912	0.590	0.535	0.434
● SRR0805-471K	470 ± 10%	2034	3.5	34C8913	0.590	0.535	0.434
● SRR0805-681K	680 ± 10%	2032	2.8	34C8914	0.590	0.535	0.434
● SRR0805-102K	1000 ± 10%	2035	2.2	34C8909	0.590	0.535	0.434
● SRR1003-2R2M	2.2 ± 20%	2011	90	16C0847	0.590	0.535	0.434
● SRR1003-4R7M	4.7 ± 20%	2010	50	16C0851	0.590	0.535	0.434
● SRR1003-100M	10 ± 20%	2018	28	16C0843	0.590	0.535	0.434
● SRR1206-7R5ML	7.5 ± 20%	2022	22	62K3126	0.751	0.681	0.552
● SRR1206-100ML	10 ± 20%	2018	18	62K3123	0.751	0.681	0.552
● SRR1206-150ML	15 ± 20%	2019	16	62K3125	0.751	0.681	0.552
● SRR1206-330YL	33 ± 15%	2021	9	53K7884	0.751	0.681	0.552
● SRR1206-101YL	100 ± 15%	2013	60	62K3124	0.751	0.681	0.552
● SRR1208-151KL	150 ± 10%	2021	26	61J9078	0.751	0.681	0.552
● SRR1208-331KL	330 ± 10%	2013	1.8	62K3128	0.751	0.681	0.552
● SRR1208-102KL	1000 ± 10%	2011	100	62K3127	0.751	0.681	0.552

(48379)

SRR SERIES SHIELDED POWER INDUCTORS

Just Added

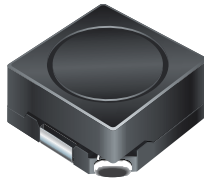


Applications:

- Input/output of DC/DC converters
- Power supplies for: Portable communications equipment, Camcorders, LCD TVs, Car radios

Specifications:

- Operating Temperature: -40°C to +125°C
- Wire Material: Enameled copper
- Test Voltage: 0.1 V



SRR SERIES

Mfg. Part No.	L (Induct.) µH	Q Nom.	SRF MHz	Stock No.	Price Each		
					1-49	50-99	100-249
● SRR1240-1R5Y	1.5 ± 30%	16	80	04P1993	1.020	0.896	0.822
● SRR1240-3R3Y	3.3 ± 30%	14	42	04P2001	1.020	0.896	0.822
● SRR1240-4R7M	4.7 ± 20%	16	33	04P2004	1.020	0.896	0.822
● SRR1240-6R8M	6.8 ± 20%	14	34	04P2007	1.020	0.896	0.822
● SRR1240-100M	10 ± 20%	17	27	04P1994	1.020	0.896	0.822
● SRR1240-150M	15 ± 20%	16	22	04P1997	1.020	0.896	0.822
● SRR1240-220M	22 ± 20%	18	16	04P1999	1.020	0.896	0.822
● SRR1240-221K	20 ± 10%	12	6.6	04P2000	1.020	0.896	0.822
● SRR1240-330M	33 ± 20%	19	15	04P2002	1.020	0.896	0.822
● SRR1240-470M	47 ± 20%	19	13	04P2005	1.020	0.896	0.822
● SRR1240-680M	68 ± 20%	19	11	04P2008	1.020	0.896	0.822
● SRR1240-101M	100 ± 20%	14	8	04P1995	1.020	0.896	0.822
● SRR1240-151K	150 ± 10%	12	7.5	04P1998	1.020	0.896	0.822
● SRR1240-331K	330 ± 10%	12	5.5	04P2003	1.020	0.896	0.822
● SRR1240-471K	470 ± 10%	12	4.5	04P2006	1.020	0.896	0.822
● SRR1240-681K	680 ± 10%	14	3.8	04P2009	1.020	0.896	0.822
● SRR1240-102K	1000 ± 10%	16	0.4	04P1996	1.020	0.896	0.822
● SRR1260-1R0Y	1 ± 30%	26	100	04P2010	1.020	0.896	0.822
● SRR1260-1R5Y	1.5 ± 30%	24	86	04P2011	1.020	0.896	0.822
● SRR1260-2R2Y	2.2 ± 30%	22	70	04P2017	1.020	0.896	0.822
● SRR1260-3R3Y	3.3 ± 30%	20	40	04P2020	1.020	0.896	0.822
● SRR1260-4R7Y	4.7 ± 30%	19	36.7	04P2023	1.020	0.896	0.822
● SRR1260-6R8Y	6.8 ± 30%	20	18	04P2026	1.020	0.896	0.822
● SRR1260-100M	10 ± 20%	32	21	04P2012	1.020	0.896	0.822
● SRR1260-150M	15 ± 20%	25	17.6	04P2015	1.020	0.896	0.822
● SRR1260-220M	22 ± 20%	29	13.4	04P2018	1.020	0.896	0.822
● SRR1260-330M	33 ± 20%	27	9.97	04P2021	1.020	0.896	0.822
● SRR1260-470M	47 ± 20%	22	7.63	04P2024	1.020	0.896	0.822
● SRR1260-680M	68 ± 20%	22	7.43	04P2027	1.020	0.896	0.822
● SRR1260-101M	100 ± 20%	26	6.07	04P2013	1.020	0.896	0.822
● SRR1260-151K	150 ± 10%	20	5	04P2016	1.020	0.896	0.822
● SRR1260-221K	220 ± 10%	22	4.2	04P2019	1.020	0.896	0.822
● SRR1260-331K	330 ± 10%	22	3.2	04P2022	1.020	0.896	0.822
● SRR1260-471K	470 ± 10%	18	2.6	04P2025	1.020	0.896	0.822
● SRR1260-681K	680 ± 10%	18	2.2	04P2028	1.020	0.896	0.822
● SRR1260-102K	1000 ± 10%	30	1.8	04P2014	1.020	0.896	0.822
● SRR1806-100M	10 ± 20%	22	25	04P2029	1.020	0.896	0.822

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SRR SERIES SHIELDED POWER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) µH	Q Nom.	SRF MHz	Stock No.	Price Each		
					1-49	50-99	100-249
● SRR1806-150M	15 ± 20%	20	17	04P2032	1.020	0.896	0.822
● SRR1806-101M	100 ± 20%	25	7	04P2030	1.020	0.896	0.822
● SRR1806-151M	150 ± 20%	23	5	04P2033	1.020	0.896	0.822
● SRR1806-220M	22 ± 20%	51	16	04P2034	1.020	0.896	0.822
● SRR1806-221M	220 ± 10%	20	4.5	04P2035	1.020	0.896	0.822
● SRR1806-330M	33 ± 20%	24	11	04P2036	1.020	0.896	0.822
● SRR1806-331M	330 ± 10%	18	3.5	04P2037	1.020	0.896	0.822
● SRR1806-470M	47 ± 20%	22	9	04P2038	1.020	0.896	0.822
● SRR1806-471M	470 ± 10%	15	3	04P2039	1.020	0.896	0.822
● SRR1806-680M	68 ± 20%	22	8	04P2040	1.020	0.896	0.822
● SRR1806-681M	680 ± 10%	12	2.5	04P2041	1.020	0.896	0.822
● SRR1806-102M	1000 ± 20%	10	2	04P2031	1.020	0.896	0.822

(135706)

SR1005 SERIES SHIELDED POWER INDUCTORS



Features

- Unit Height: 5.2mm
- Current: Up to 3A
- Ferrite DR and RI Core

Applications

- Input/Output of DC/DC Converters
- Power Supplies for Portable Communications Equipment, Camcorders, LCD TVs, Car Radios

Specifications

- Operating Temperature: -40°C to +125°C



Mfg. Part No.	L (Induct.)		SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (mA)	Stock No.	Tape Cut	
	(µH)	Tol. (%)					1-24	Price Each
● SRR1005-2R2M	2.2	±20	90.0	0.027	3.10	34C8921		0.729
● SRR1005-4R7M	4.7	±20	50.0	0.040	2.50	34C8928		0.729
● SRR1005-100M	10	±20	30.0	0.650	2.00	34C8915		0.648
● SRR1005-150M	15	±20	20.0	0.085	1.70	34C8918		0.729
● SRR1005-330Y	33	±15	15.0	0.160	1.20	34C8925		0.729
● SRR1005-470Y	47	±15	12.0	0.190	1.00	34C8929		0.648
● SRR1005-680Y	68	±15	9.0	0.340	0.82	34C8931		0.729
● SRR1005-101K	100	±10	7.5	0.420	0.68	34C8916		0.648
● SRR1005-151K	150	±10	6.2	0.520	0.55	34C8919		0.648
● SRR1005-221K	220	±10	5.2	0.800	0.45	34C8923		0.648
● SRR1005-331K	330	±10	4.5	1.200	0.35	34C8926		0.648
● SRR1005-471K	470	±10	3.0	1.600	0.30	34C8930		0.729
● SRR1005-681K	680	±10	2.6	2.300	0.26	34C8932		0.648
● SRR1005-102K	1000	±10	2.0	3.200	0.22	34C8917		0.648
● SRR1005-152K	1500	±10	1.6	5.200	0.17	34C8920		0.729
● SRR1005-222K	2200	±10	1.4	6.500	0.14	34C8924		0.729
● SRR1005-332K	3300	±10	1.2	10.00	0.10	34C8927		0.729
● SRR1206-101YL	100	±15	60	0.22	1900	62K3124		0.751
● SRR1208-102KL	1000	±10	100	1.65	670	62K3127		0.751
● SRR1208-331KL	330	±10	1.8	0.65	1120	62K3128		0.751

(68925)

SRU SERIES - SHIELDED SMD POWER INDUCTORS



Applications

- Input/output of DC/DC converters
- Power supplies for portable communications equipment, camcorders
- LCD TVs, car radios

Specifications

- Reflow Soldering...230°C, 10 sec. max.
- Operating Temperature: -40°C to +125°C

SRU1028: 2.8mm UNIT HEIGHT, 7A CURRENT

Mfg. Part No.	Inductance 100 KHz		Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Tape Cut	
	(µH)	Ind. Tol.						Stock No.	Price Each
● SRU1028-1R0Y	1	± 30%	14	100	4.9	7.00	8	09J2950	1.050
● SRU1028-1R5Y	1.5	± 30%	12	80	7.3	6.50	6.5	09J2951	1.050
● SRU1028-100Y	10	± 30%	20	25	40	2.80	2.4	09J2952	1.050
● SRU1028-101Y	100	± 30%	20	7	365	0.85	800	09J2953	1.050
● SRU1028-121Y	120	± 30%	18	6	428	0.65	700	09J2954	0.797
● SRU1028-150Y	15	± 30%	26	22	69	2.00	2	09J2955	1.050
● SRU1028-151Y	150	± 30%	18	5	518	0.70	650	09J2956	1.050
● SRU1028-2R2Y	2.2	± 30%	12	65	11	5.30	4.8	09J2957	1.050
● SRU1028-220Y	22	± 30%	26	16	104	1.60	1.4	09J2958	1.050
● SRU1028-3R3Y	3.3	± 30%	14	55	15	4.60	4.3	09J2959	1.050
● SRU1028-330Y	33	± 30%	24	12	139	1.25	1.2	09J2960	1.050

▶ CONTINUED ▶

POWER INDUCTORS – SMD

SRU SERIES - SHIELDED SMD POWER INDUCTORS (CONT.)

Mfg. Part No.	Inductance 100 KHz		Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Tape Cut	
	(μH)	Ind. Tol.						Stock No.	Price Each
● SRU1028-4R7Y	4.7	± 30%	12	40	16.5	4.50	3.8	09J2961	0.838
● SRU1028-470Y	47	± 30%	20	11	167	1.30	1.1	09J2962	0.797
● SRU1028-560Y	56	± 30%	22	10	208	1.10	1	09J2963	1.050
● SRU1028-6R8Y	6.8	± 30%	12	30	25	3.50	3	09J2964	1.050
● SRU1028-680Y	68	± 30%	20	9	232	1.00	900	09J2965	0.797
● SRU1028-8R2Y	8.2	± 30%	12	28	28.5	3.30	2.7	09J2966	1.050
● SRU1028-820Y	82	± 30%	20	8	323	0.90	850	09J2967	1.050

SUR1038: 3.8mm UNIT HEIGHT, 7.2A CURRENT

● SRU1038-1R5Y	1.5	± 30%	14	65	5.2	7.20	7	09J2968	1.050
● SRU1038-100Y	10	± 30%	24	20	25	3.80	3.6	09J2969	1.050
● SRU1038-101Y	100	± 30%	24	6	220	1.30	1.1	09J2970	1.050
● SRU1038-150Y	15	± 30%	24	16	37	2.80	2.7	09J2971	1.050
● SRU1038-151Y	150	± 30%	20	5	358	0.90	800	09J2972	0.838
● SRU1038-2R2Y	2.2	± 30%	12	55	7.7	6.80	6.5	09J2973	0.838
● SRU1038-220Y	22	± 30%	22	12	55.8	2.20	2.3	09J2974	1.050
● SRU1038-221Y	220	± 30%	20	4	565	0.65	650	09J2975	0.837
● SRU1038-3R5Y	3.5	± 30%	14	35	11.5	5.50	5.5	09J2976	0.838
● SRU1038-330Y	33	± 30%	22	10	86	1.80	1.8	09J2977	1.050
● SRU1038-331Y	330	± 30%	20	3	773	0.55	520	09J2978	0.838
● SRU1038-470Y	47	± 30%	22	8	121	1.65	1.6	09J2979	1.050
● SRU1038-5R0Y	5	± 30%	12	30	14.5	4.60	4.8	09J2980	0.797
● SRU1038-6R2Y	6.2	± 30%	12	25	16.5	4.00	4.2	09J2981	1.050
● SRU1038-680Y	68	± 30%	24	7	166	1.10	1.3	09J2982	1.050

SUR1038: 4.8mm UNIT HEIGHT, 7.8A CURRENT

● SRU1048-R80Y	800	± 30%	8	100	3.6	7.80	8.5	09J2983	0.797
● SRU1048-1R5Y	1.5	± 30%	14	70	4.3	7.00	7.2	09J2984	1.050
● SRU1048-100Y	10	± 30%	26	16	18.5	4.50	3.7	09J2985	1.050
● SRU1048-101Y	100	± 30%	26	5	160	1.20	1	09J2986	1.000
● SRU1048-150Y	15	± 30%	30	14	29	3.20	2.7	09J2987	1.050
● SRU1048-151Y	150	± 30%	24	4.5	235	1.00	800	09J2988	1.050
● SRU1048-2R2Y	2.2	± 30%	14	55	5.3	6.50	6.3	09J2989	1.050
● SRU1048-220Y	22	± 30%	22	12	42	2.60	2	09J2990	0.838
● SRU1048-221Y	220	± 30%	20	4	350	0.80	700	09J2991	1.050
● SRU1048-3R0Y	3	± 30%	14	40	7.2	6.20	6	09J2992	1.050
● SRU1048-330Y	33	± 30%	24	10	63	2.10	1.7	09J2993	0.838
● SRU1048-331Y	330	± 30%	18	3	490	0.65	520	09J2994	0.838
● SRU1048-4R7Y	4.7	± 30%	12	30	9.5	5.50	4.75	09J2995	1.050
● SRU1048-470Y	47	± 30%	26	8	94	1.70	1.5	09J2996	1.050
● SRU1048-560Y	56	± 30%	26	7	110	1.60	1.4	09J2997	0.797
● SRU1048-6R8Y	6.8	± 30%	10	20	13.6	4.80	4.1	09J2998	1.050
● SRU1048-680Y	68	± 30%	24	6	127	1.40	1.25	09J2999	1.050
● SRU1048-8R2Y	8.2	± 30%	8	18	15	4.60	3.8	09J3000	1.050
● SRU1048-820Y	82	± 30%	24	5.5	149	1.30	1.1	09J3001	1.050

SUR301: 1.1mm UNIT HEIGHT, 7.8A CURRENT

● SRU3011-1R5Y	1.5	± 30%	7	180	57	1.10	1	09J3002	0.757
● SRU3011-100Y	10	± 30%	8	60	340	0.40	350	09J3003	0.797
● SRU3011-2R2Y	2.2	± 30%	7	150	80	0.92	900	09J3004	0.797
● SRU3011-3R3Y	3.3	± 30%	8	120	116	0.84	780	09J3006	0.797
● SRU3011-4R7Y	4.7	± 30%	8	90	178	0.63	620	09J3007	0.757
● SRU3011-6R8Y	6.8	± 30%	7	85	245	0.50	460	09J3008	0.757

SUR5011: 1.1mm UNIT HEIGHT, 1800mA CURRENT

● SRU5011-1R5Y	1.5	± 30%	8	195	32	1.80	1.5	09J3009	0.797
● SRU5011-100Y	10	± 30%	12	50	170	0.70	580	09J3010	0.797
● SRU5011-101Y	100	± 30%	30	15	1.6	0.20	180	09J3011	0.797
● SRU5011-150Y	15	± 30%	12	42	250	0.60	480	09J3012	0.797
● SRU5011-2R5Y	2.5	± 30%	8	125	52	1.30	1.1	09J3013	0.797
● SRU5011-220Y	22	± 30%	14	38	380	0.50	400	09J3014	0.797
● SRU5011-3R3Y	3.3	± 30%	8	110	66	1.15	940	09J3015	0.797
● SRU5011-330Y	33	± 30%	14	30	550	0.38	300	09J3016	0.797
● SRU5011-4R7Y	4.7	± 30%	8	85	95	1.00	820	09J3017	0.757
● SRU5011-470Y	47	± 30%	16	25	800	0.32	260	09J3018	0.797
● SRU5011-6R8Y	6.8	± 30%	8	70	130	0.82	680	09J3019	0.797
● SRU5011-680Y	68	± 30%	14	20	1.24	0.26	220	09J3020	0.797

SUR5016: 1.6mm UNIT HEIGHT, 18A CURRENT

● SRU5016-1R8Y	1.8	± 30%	9	100	24	1.75	1.7	09J3022	0.797
● SRU5016-100Y	10	± 30%	15	40	84	1.00	900	09J3023	0.797
● SRU5016-101Y	100	± 30%	18	12	850	0.30	270	09J3024	0.757
● SRU5016-150Y	15	± 30%	15	32	130	0.80	720	09J3025	0.797
● SRU5016-220Y	22	± 30%	15	28	195	0.65	560	09J3026	0.757
● SRU5016-3R3Y	3.3	± 30%	9	80	35	1.55	1.5	09J3027	0.797
● SRU5016-330Y	33	± 30%	13	22	300	0.54	500	09J3028	0.797
● SRU5016-4R7Y	4.7	± 30%	9	60	43	1.30	1.2	09J3029	0.797
● SRU5016-470Y	47	± 30%	18	18	390	0.46	420	09J3030	0.797

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SRU SERIES - SHIELDED SMD POWER INDUCTORS (CONT.)

SUR5016: 1.6mm UNIT HEIGHT, 18A CURRENT

Mfg. Part No.	Inductance 100 KHz		Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Tape Cut	
	(μH)	Ind. Tol.						Stock No.	Price Each
● SRU5016-6R8Y	6.8	± 30%	8	50	50	1.20	1.1	09J3031	0.797
● SRU5016-680Y	68	± 30%	18	15	560	0.36	330	09J3032	0.797

SUR5018: 1.8mm UNIT HEIGHT, 2.8A CURRENT

● SRU5018-1R0Y	1	± 30%	9	200	12.5	2.80	2.85	09J3033	0.797
● SRU5018-1R5Y	1.5	± 30%	9	160	15.5	2.50	2.4	09J3034	0.757
● SRU5018-100Y	10	± 30%	12	50	65	1.25	1.05	09J3035	0.797
● SRU5018-101Y	100	± 30%	15	15	620	0.32	310	09J3036	0.797
● SRU5018-150Y	15	± 30%	12	40	100	0.95	800	09J3037	0.797
● SRU5018-220Y	2.2	± 30%	10	130	20.5	2.30	2.1	09J3038	0.797
● SRU5018-220Y	22	± 30%	12	28	160	0.68	650	09J3039	0.797
● SRU5018-3R5Y	3.5	± 30%	9	90	32	2.10	1.7	09J3040	0.797
● SRU5018-330Y	33	± 30%	13	23	220	0.66	560	09J3041	0.757
● SRU5018-4R7Y	4.7	± 30%	8.5	80	36	2.00	1.55	09J3042	0.796
● SRU5018-470Y	47	± 30%	13	18	330	0.54	450	09J3043	0.797
● SRU5018-6R8Y	6.8	± 30%	7.5	60	50	1.45	1.2	09J3044	0.757
● SRU5018-680Y	68	± 30%	12	16	480	0.37	360	09J3045	0.797

SUR5028: 2.8mm UNIT HEIGHT, 3.5A CURRENT

● SRU5028-1R2Y	1.2	± 30%	10	200	16.8	16.8	3.4	09J3046	0.797
● SRU5028-100Y	10	± 30%	18	25	63	63	1.4	09J3047	0.797
● SRU5028-101Y	100	± 30%	15	8	625	625	420	09J3048	0.797
● SRU5028-150Y	15	± 30%	18	23	108	1.1	1	09J3049	0.797
● SRU5028-2R2Y	2.2	± 30%	10	130	21	3.2	2.5	09J3050	0.797
● SRU5028-220Y	22	± 30%	15	18	162	0.92	850	09J3051	0.797
● SRU5028-3R3Y	3.3	± 30%	10	90	24	2.8	2.1	09J3052	0.797
● SRU5028-330Y	33	± 30%	15	16	203	0.8	680	09J3053	0.797
● SRU5028-4R7Y	4.7	± 30%	9	50	32	2.2	1.85	09J3054	0.797
● SRU5028-470Y	47	± 30%	13	13	285	0.7	620	09J3055	0.797
● SRU5028-6R8Y	6.8	± 30%	10	55	42	2	1.55	09J3056	0.797
● SRU5028-680Y	68	± 30%	13	10	450	0.56	460	09J3057	0.797

SUR8028: 2.8mm UNIT HEIGHT, 4.5A CURRENT

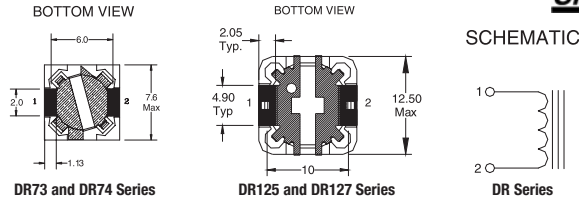
● SRU8028-100Y	10	± 30%	22	35	45	2.6	2.2	09J3058	1.010
● SRU8028-101Y	100	± 30%	35	8	390	0.75	700	09J3059	1.010
● SRU8028-150Y	15	± 30%	20	25	66	2	1.7	09J3060	0.757
● SRU8028-2R5Y	2.5	± 30%	15	65	13.6	4.5	4.2	09J3061	1.010
● SRU8028-220Y	22	± 30%	22	20	106	1.6	1.5	09J3062	0.757
● SRU8028-3R3Y	3.3	± 30%	12	60	17.5	3.6	3.5	09J3063	0.757
● SRU8028-330Y	33	± 30%	20	15	147	1.3	1.1	09J3064	1.010
● SRU8028-4R7Y	4.7	± 30%	15	50	20	3.7	3.2	09J3065	0.797
● SRU8028-470Y	47	± 30%	14	12	177	1.2	1	09J3066	0.797
● SRU8028-6R8Y	6.8	± 30%	13	40	34	2.8	2.5	09J3067	0.757
● SRU8028-680Y	68	± 30%	23	9	317	0.85	800	09J3068	1.010

SUR8043: 4.3mm UNIT HEIGHT, 5.4A CURRENT

● SRU8043-100Y	10	± 30%	27	20	30	3.5	2.7	09J3069	1.010
● SRU8043-101Y									

POWER INDUCTORS – SMD

DR SERIES HIGH POWER DENSITY, HIGH EFFICIENCY, SHIELDED INDUCTORS

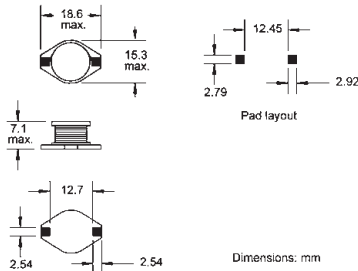


- 125°C max. Total Temperature Operation
 - Four Sizes of Shielded Drum Core Inductors
 - Inductance Range From 0.33µH to 1000µH
 - Secure Mounting
 - Solder Reflow Temperature: +260°C for 10 Sec. Max.
 - Tolerance: ±20%
- Tape and reel quantities: **DR73 series:** 1350/reel; **DR74 series:** 1100/reel; **DR125 series:** 600/reel; **DR127 series:** 350/reel. Also available in Tape & Reel; go online or call Newark.

Mfg. Part No.	L (Induct.) (µH)	OCL (µH)	I _{RMS} (A)	I _{SAT} (A)	DCR Typ. (Ω)	Tape Cut		Tape & Reel	
						Stock No.	Price Each	Stock No.	Price Each
DR73-1R0-R	1	0.992	5.28	7.97	0.0102	29K6167	1.570	27K7340	0.715
DR73-2R2-R	2.2	2.07	4.15	5.52	0.0165	29K6168	1.570	27K7347	0.715
DR74-1R0-R	1	0.952	5.39	10.2	0.0099	29K6169	1.610	27K7364	0.730
DR74-100-R	10	9.882	2.41	3.17	0.0489	29K6170	1.610	27K7366	0.730
DR125-4R7-R	4.7	5.274	7.18	9.71	0.0105	29K6165	1.660	27K7306	0.745
DR127-4R7-R	4.7	4.841	8.25	16.5	0.00917	29K6166	1.870	27K7330	0.836

(84711)

PM5022 SERIES SURFACE MOUNT POWER INDUCTORS



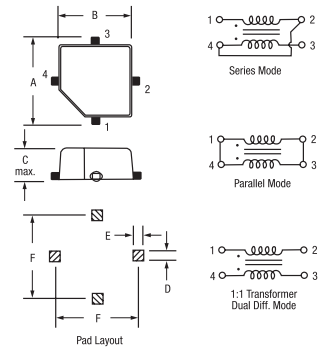
PM5022 series surface mount power inductors have a very high current capacity and high reliability. Low DCR. Ferrite bobbin core; compact size. High heat resistance, ideal for reflow soldering. Operating temperature: -55°C to +105°C. Test frequency: 100 KHz. Saturation DC current to cause 10% max inductance drop. RMS current to cause max temperature rise of 40°C. Also available in Tape & Reel; go online or call.

±20% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (mΩ)	I _{RMS} (A)	I _{SAT} (A)	Tape Cut			
					Stock No.	Price Each	Price Each	
PM5022-1R0M-RC	1	11	8.6	20	63K3613	1.170	1.040	0.843
PM5022-2R2M-RC	2.2	14	7.1	16	63K3619	1.170	1.040	0.843
PM5022-3R3M-RC	3.3	16	6.2	14	63K3622	1.170	1.040	0.843
PM5022-5R6M-RC	5.6	22	5.3	12	63K3626	1.170	1.040	0.843
PM5022-100M-RC	10	32	4.3	10	63K3614	1.170	1.040	0.843
PM5022-150M-RC	15	36	4	8	63K3617	1.170	1.040	0.843
PM5022-220M-RC	22	47	3.5	7	63K3620	1.170	1.040	0.843
PM5022-330M-RC	33	66	3	5.5	63K3623	1.170	1.040	0.843
PM5022-470M-RC	47	87	2.6	4.5	43K8943	1.170	1.040	0.843
PM5022-680M-RC	68	130	2.3	3.5	63K3627	1.170	1.040	0.843
PM5022-101M-RC	100	190	1.8	3	63K3615	1.170	1.040	0.843
PM5022-151M-RC	150	250	1.5	2.6	63K3618	1.170	1.040	0.843
PM5022-221M-RC	220	380	1.2	2.4	63K3621	1.170	1.040	0.843
PM5022-331M-RC	330	560	1	1.9	63K3624	1.170	1.040	0.843
PM5022S-331M-RC	330	780	1.1	1.1	63K3629	1.340	1.190	0.968
PM5022-471M-RC	470	850	820	1.4	63K3625	1.170	1.040	0.843
PM5022-681M-RC	680	1.2	720	1.2	63K3628	1.170	1.040	0.843
PM5022-102M-RC	1	1.8	560	1	63K3616	1.170	1.040	0.843
PM5022S-101M-RC	100	0.207	2.4	2.4	03M4243	1.340	1.190	0.968

(72683)

PM3600 SERIES SURFACE MOUNT POWER INDUCTORS AND TRANSFORMERS



PM3600 series surface mount power inductors and transformers have multiple applications; parallel, series, dual-diff. mode inductor and 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 V_{RMS}. Operating temperature: -55°C to +125°C. Current to cause max. temperature rise of 35°C. Parallel and series connection made externally. **Tape & reel packaged. Reel sizes: PM3602 - 700; PM3604 - 400.**

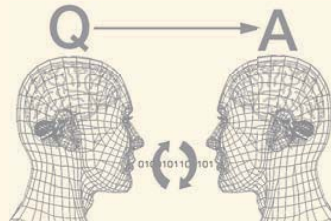
PM3600 SERIES, ±20% TOLERANCE

Mfg. Part No.	Parallel Mode			Series Mode			Tape Cut	
	L (Induct.) (µH)	L (Induct.) @ Rated I (µH)	I, DC (A)	L (Induct.) (µH)	L (Induct.) @ Rated I (µH)	I _{DC} (A)	Stock No.	Price Each
PM3602-5-RC	5	3.8	2.41	20	15.2	1.2	63K3595	2.020
PM3602-8-RC	8	6.1	1.9	32	23.2	0.95	63K3598	2.020
PM3602-10-RC	10	7.4	1.83	40	29.6	0.92	63K3585	2.020
PM3602-15-RC	15	11.1	1.45	60	44.4	0.73	63K3587	2.020
PM3602-20-RC	20	15.2	1.25	80	60.8	0.63	63K3589	2.020
PM3602-25-RC	25	18.5	1.17	100	74	0.59	63K3591	2.020
PM3602-33-RC	33	24.8	0.98	132	99.2	0.49	63K3594	2.020
PM3602-50-RC	50	37.5	0.78	200	150	0.38	63K3596	2.020
PM3602-68-RC	68	49.6	0.72	272	198.4	0.36	63K3597	2.020
PM3602-100-RC	100	74	0.58	400	296	0.29	63K3586	2.020
PM3602-150-RC	150	111	0.47	600	444	0.24	63K3588	2.020
PM3602-200-RC	200	150	0.4	800	600	0.2	63K3590	2.020
PM3602-250-RC	250	192.5	0.33	1000	770	0.17	63K3592	2.020
PM3602-300-RC	300	225	0.32	1200	900	0.16	63K3593	2.020
PM3604-5-RC	5	3.8	3.3	20	15.2	1.65	63K3609	2.020
PM3604-8-RC	8	5.8	3	32	23.2	1.5	63K3612	2.020
PM3604-10-RC	10	7.3	2.7	40	29.2	1.35	63K3599	2.020
PM3604-15-RC	15	11	2.2	60	44	1.1	63K3601	2.020
PM3604-20-RC	20	14.2	2.02	80	56.8	1.01	63K3603	2.020
PM3604-25-RC	25	17	1.91	100	68	0.96	63K3605	2.020
PM3604-33-RC	33	23.1	1.6	132	92.4	0.8	63K3608	2.020
PM3604-50-RC	50	35.5	1.28	200	142	0.64	63K3610	2.020
PM3604-68-RC	68	46.2	1.19	272	184.8	0.6	63K3611	2.020
PM3604-100-RC	100	68	0.98	400	272	0.49	63K3600	2.020
PM3604-150-RC	150	103.5	0.78	600	414	0.39	63K3602	2.020
PM3604-200-RC	200	140	0.65	800	560	0.33	63K3604	2.020
PM3604-250-RC	250	172.5	0.6	1000	690	0.3	63K3606	2.020
PM3604-300-RC	300	213	0.52	1200	852	0.26	63K3607	2.020

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Expert technical support

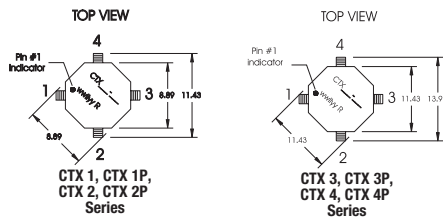
Chat online to our team of engineers, or connect to them through your representative.



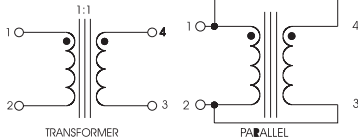
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POWER INDUCTORS – SMD

ECONO-PAC™/OCTA-PAC® POWER INDUCTORS AND TRANSFORMERS



SCHEMATIC



- Solder Reflow Temperature: +260°C for 10 Sec. Max.
- Tolerance: ±20%
- RoHS Compliant

ECONO-PAC and OCTA-PAC are surface mount magnetics that can be used as single or coupled inductors or 1:1 transformers that provide isolation between two windings. OCTA-PAC's are designed around high frequency and low loss material. ECONO-PAC's are a lower cost version of OCTA-PAC's offering high saturation flux density. Secure 4 terminal mounting. Inductor more versatile inductance combination by series or parallel connections. Additional values available; go online or call Newark.

ECONO-PAC — CUT TAPE

Mfg. Part No.	Parallel Mode			Series Mode			Stock No.	Price Each
	O.C. L (µH)	F.L. L (µH)	DCR max. (Ω)	O.C. L (µH)	F.L. L (µH)	DCR max. (Ω)		
● CTX1-4P-R	1.1	0.81	0.008	4.39	3.24	0.033	29K6147	3.530
● CTX2-2P-R	2.18	1.56	0.014	8.7	6.26	0.055	29K6539	3.530
● CTX5-4P-R	5.15	3.56	0.027	20.62	14.23	0.107	29K6158	3.560
● CTX10-1P-R	9.62	6.23	0.057	38.48	24.94	0.227	29K6149	3.230
● CTX10-2P-R	9.83	6.73	0.045	39.3	26.92	0.179	29K6151	2.950
● CTX10-4P-R	9.88	6.7	0.047	39.53	26.79	0.187	29K6154	3.560
● CTX20-2P-R	19.58	13.37	0.097	78.34	53.48	0.387	29K6540	3.860
● CTX50-4P-R	48.8	32.21	0.201	195.2	128.83	0.805	29K6161	3.860

OCTA-PAC — CUT TAPE

● CTX5-2-R	4.7	2.66	0.021	18.8	10.65	0.084	29K6156	6.150
● CTX5-4-R	4.9	2.59	0.014	19.6	10.37	0.056	29K6157	6.360
● CTX10-3-R	9.6	4.38	0.028	38.4	17.54	0.111	29K6152	6.720
● CTX10-4-R	9.6	4.82	0.019	38.42	19.28	0.078	29K6153	7.070
● CTX10-1-R	10	4.85	0.044	40	19.4	0.176	29K6148	5.440
● CTX10-2-R	10.58	5.18	0.031	42.3	20.72	0.125	29K6150	6.610
● CTX20-4-R	19.6	10.68	0.055	78.4	42.73	0.22	29K6542	6.830
● CTX20-3-R	20.18	10.76	0.078	80.74	43.04	0.312	29K6541	5.610
● CTX50-4-R	50.18	25.03	0.111	200.7	100.11	0.443	29K6160	7.430
● CTX50-2-R	51.18	28.79	0.21	204.73	115.16	0.839	29K6159	7.200
● CTX100-4-R	99.23	54.56	0.302	396.9	218.25	1.21	29K6604	7.430
● CTX150-4-R	148.23	77.17	0.372	592.9	308.69	1.488	29K6155	7.430
● CTX300-4-R	298.12	147.92	0.672	1192.46	591.66	2.687	29K6543	7.430

ECONO-PAC — TAPE ON REEL

Mfg. Part No.	Parallel Mode			Series Mode			Stock No.	Qty.	Price Each
	O.C. L (µH)	F.L. L (µH)	DCR max. (Ω)	O.C. L (µH)	F.L. L (µH)	DCR max. (Ω)			
● CTX1-4P-R	1.1	0.81	0.008	4.39	3.24	0.033	27K6922	800	1.760
● CTX2-2P-R	2.18	1.56	0.014	8.7	6.26	0.055	27K6994	800	1.760
● CTX5-4P-R	5.15	3.56	0.027	20.62	14.23	0.107	27K7143	600	1.760
● CTX10-1P-R	9.62	6.23	0.057	38.48	24.94	0.227	27K6928	1100	1.460
● CTX10-2P-R	9.83	6.73	0.045	39.3	26.92	0.179	27K6934	800	1.760
● CTX10-4P-R	9.88	6.7	0.047	39.53	26.79	0.187	27K6940	600	1.760
● CTX20-2P-R	19.58	13.37	0.097	78.34	53.48	0.387	27K7011	800	1.760
● CTX50-4P-R	48.8	32.21	0.201	195.2	128.83	0.805	27K7159	600	1.760

OCTA-PAC — TAPE ON REEL

● CTX5-2-R	4.7	2.66	0.021	18.8	10.65	0.084	27K7135	800	2.810
● CTX5-4-R	4.9	2.59	0.014	19.6	10.37	0.056	27K7141	600	2.910
● CTX10-3-R	9.6	4.38	0.028	38.4	17.54	0.111	27K6935	800	3.060
● CTX10-4-R	9.6	4.82	0.019	38.42	19.28	0.078	27K6938	600	3.110
● CTX10-1-R	10	4.85	0.044	40	19.4	0.176	27K6923	1100	2.480
● CTX10-2-R	10.58	5.18	0.031	42.3	20.72	0.125	27K6929	800	3.010
● CTX20-4-R	19.6	10.68	0.055	78.4	42.73	0.22	27K7015	600	3.110
● CTX20-3-R	20.18	10.76	0.078	80.74	43.04	0.312	27K7012	800	3.060
● CTX50-4-R	50.18	25.03	0.111	200.7	100.11	0.443	27K7157	600	3.110
● CTX50-2-R	51.18	28.79	0.21	204.73	115.16	0.839	27K7150	800	3.010
● CTX100-4-R	99.23	54.56	0.302	396.9	218.25	1.21	27K6955	600	2.400

➔ CONTINUED ➔

ECONO-PAC™/OCTA-PAC® POWER INDUCTORS AND TRANSFORMERS (CONT.)

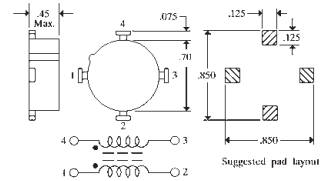
OCTA-PAC — TAPE ON REEL

Mfg. Part No.	Parallel Mode			Series Mode			Stock No.	Qty.	Price Each
	O.C. L (µH)	F.L. L (µH)	DCR max. (Ω)	O.C. L (µH)	F.L. L (µH)	DCR max. (Ω)			
● CTX150-4-R	148.23	77.17	0.372	592.9	308.69	1.488	27K6985	600	3.110
● CTX300-4-R	298.12	147.92	0.672	1192.46	591.66	2.687	27K7056	600	3.110

PM3700 SERIES SURFACE MOUNT COMMON MODE INDUCTORS



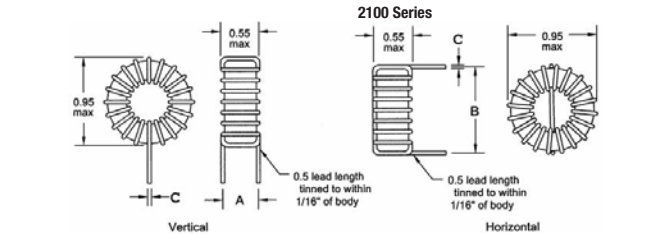
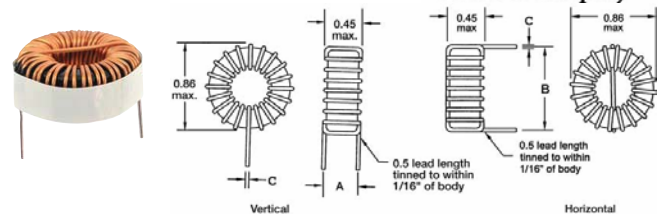
PM3700 series inductors suppress conductive EMI emissions. Ideal for switching power supplies and battery chargers. Effective attenuation from 10kHz to 100MHz. Compact package. Encapsulated in a high-strength LCP cup.



Mfg. Part No.	L (Ind.) (min.) mH	I _{DC} (min.) Amps	R _{DC} (max.) Ohms	Frequency Range*	Tape Cut		Tape & Reel	
					Stock No.	Price Each 1-9	Stock No.	Price Each Reel Qty. 200
● PM3700-20-RC	0.5	6	0.010	4MHz-40MHz	63K2818	2.160	63K2819	1.700
● PM3700-30-RC	0.75	5.5	0.012	1MHz-20MHz	63K2820	2.160	63K2821	1.700
● PM3700-40-RC	1.0	4	0.020	500kHz-40MHz	63K2822	2.160	63K2823	1.700
● PM3700-50-RC	2.0	3.5	0.030	300kHz-20MHz	63K2824	2.160	63K2825	1.700
● PM3700-60-RC	5.0	2	0.070	100kHz-10MHz	63K2826	2.160	63K2827	1.700
● PM3700-70-RC	10	1.5	0.150	50kHz-5MHz	63K2828	2.160	63K2829	1.700
● PM3700-80-RC	20	1	0.250	25kHz-4MHz	63K2830	2.160	63K2831	1.700

*20dB attenuation (48771)

2100LL/ 2200LL SERIES HIGH CURRENT TOROID INDUCTORS



Features

- Low core loss
- Low magnetic radiation
- High current capacity
- Horizontal mount

Applications

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

Specifications

- Tolerance: ±15%
- Test frequency: 1kHz
- Operating temp.: -55°C to +125°C
- Current to cause 30°C max. temperature rise

2100 SERIES - HORIZONTAL MOUNT

Mfg. Part No.	L (Ind.) (µH)	I _{DC} (A)	L (Ind.) @ I _{Rated} (µH)	DCR Max. (Ω)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-49	50-99
● 2100LL-H-100-RC	10	11.4	5.2	0.005	0.37	0.8	0.053	04P2042	2.840	2.330
● 2100LL-H-150-RC	15	10.5	7.3	0.006	0.37	0.8	0.053	04P2045	2.840	2.330
● 2100LL-H-220-RC	22	7.5	11.8	0.012	0.35	0.78	0.042	04P2047	2.840	2.330
● 2100LL-H-330-RC	33	6.9	16.6	0.014	0.35	0.78	0.042	04P2049	2.840	2.330
● 2100LL-H-470-RC	47	5.2	25.3	0.024	0.33	0.76	0.034	04P2051	2.840	2.330
● 2100LL-560H-RC	56	5	29.3	0.026	0.33	0.76	0.034	86K6915	2.840	2.330

➔ CONTINUED ➔

POWER INDUCTORS – SMD • POWER INDUCTORS – TOROIDIAL

2100LL/ 2200LL SERIES HIGH CURRENT TOROID INDUCTORS (CONT.)

Mfg. Part No.	L (Ind.) (µH)	I _{DC} (A)	L (Ind.) @ I _{Rated} (µH)	DCR Max. (Ω)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-49	50-99
● 2100LL-H-680-RC	68	4.7	34	0.03	0.4	0.76	0.034	04P2053	2,840	2,330
● 2100LL-H-101-RC	100	4.3	46.2	0.036	0.4	0.76	0.034	04P2043	2,840	2,330
● 2100LL-H-151-RC	150	3.9	63.8	0.043	0.4	0.76	0.034	04P2046	2,840	2,330
● 2100LL-H-221-RC	220	3.5	53.5	0.039	0.4	0.76	0.034	04P2048	2,840	2,330
● 2100LL-H-331-RC	330	2.5	145.1	0.103	0.37	0.75	0.022	04P2050	2,840	2,330
● 2100LL-H-471-RC	470	2.3	190.1	0.124	0.38	0.76	0.027	04P2052	2,840	2,330
● 2100LL-H-681-RC	680	2.1	251.9	0.147	0.38	0.76	0.027	04P2054	2,840	2,330
● 2100LL-H-102-RC	1000	1.5	421.5	0.284	0.37	0.75	0.022	04P2044	2,840	2,330

2200 SERIES - HORIZONTAL MOUNT

● 2200LL-H-100-RC	10	14.3	6	0.006	0.47	1.05	0.053	04P2055	3,850	3,150
● 2200LL-H-150-RC	15	13.6	8.3	0.007	0.47	1.05	0.053	04P2058	3,850	3,150
● 2200LL-180H-RC	18	13.1	9.7	0.007	0.47	1.05	0.053	86K7017	3,850	3,150
● 2200LL-H-220-RC	22	12.6	11.5	0.008	0.47	1.05	0.053	04P2060	3,850	3,150
● 2200LL-H-330-RC	33	11.1	15.7	0.01	0.47	1.05	0.053	04P2062	3,850	3,150
● 2200LL-H-470-RC	47	10.3	20.9	0.012	0.47	1.05	0.053	04P2064	3,850	3,150
● 2200LL-560H-RC	56	9.8	23.9	0.013	0.47	1.05	0.053	86K7047	3,850	3,150
● 2200LL-H-680-RC	68	7.6	33.9	0.022	0.45	1.03	0.042	04P2066	3,850	3,150
● 2200LL-H-101-RC	100	6.8	45.6	0.027	0.45	1.03	0.042	04P2056	3,850	3,150
● 2200LL-H-151-RC	150	4.9	76	0.052	0.43	1.01	0.034	04P2059	3,850	3,150
● 2200LL-H-221-RC	220	4.4	103.1	0.047	0.43	1.01	0.034	04P2061	3,850	3,150
● 2200LL-H-331-RC	330	4	141.9	0.077	0.43	1.01	0.034	04P2063	3,850	3,150
● 2200LL-H-471-RC	470	3.7	185.7	0.092	0.43	1.01	0.034	04P2065	3,850	3,150
● 2200LL-H-681-RC	680	2.7	307.6	0.176	0.47	0.99	0.027	04P2067	3,850	3,150
● 2200LL-H-102-RC	1000	2.4	412.5	0.216	0.47	0.99	0.027	04P2057	3,850	3,150

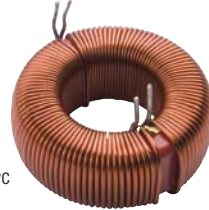
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TIGHTpak™ SERIES TOROIDAL COMMON MODE LINE CHOKE

- Features**
- 70% more turns than traditional windings
 - Industry standard footprint
- Specifications**
- Test Frequency: 10 kHz
 - Dielectric strength: 1500 VRMS
 - Oper. Temp. Range: -40°C to +85°C



ACME ELECTRIC



2100HT/ 2200HT/ 2300HT SERIES HIGH TEMPERATURE, HIGH CURRENT TOROID INDUCTORS (CONT.)

Mfg. Part No.	L (Ind.) (µH)	I _{DC} (A)	L (Ind.) @ I _{Rated} (µH)	DCR Max. (Ω)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-24	25-49
● 2100HT-330H-RC	33	6.1	24	0.031	0.35	0.79	0.034	86K6833	2,480	1,720
● 2100HT-470H-RC	47	5.6	33.1	0.036	0.35	0.79	0.034	86K6843	2,480	1,720
● 2100HT-101H-RC	100	4.6	64.5	0.053	0.35	0.79	0.034	86K6799	2,410	1,680
● 2100HT-221H-RC	220	3	144.2	0.13	0.35	0.79	0.027	86K6823	2,740	1,900

2100 SERIES - VERTICAL MOUNT

● 2100HT-470V-RC	47	5.6	33.1	0.036	0.35	0.79	0.034	86K6844	2,480	1,720
● 2100HT-101V-RC	100	4.6	64.5	0.053	0.35	0.79	0.034	86K6800	2,410	1,680
● 2100HT-221V-RC	220	3	144.2	0.13	0.35	0.79	0.027	86K6824	2,740	1,900

2200 SERIES - HORIZONTAL MOUNT

● 2200HT-101H-RC	100	5.3	68.9	0.061	0.48	0.90	0.034	86K6937	3,670	2,550
● 2200HT-181H-RC	180	4.6	115.6	0.082	0.48	0.90	0.034	86K6951	3,170	2,200

2200 SERIES - VERTICAL MOUNT

● 2200HT-220V-RC	22	9.3	16.3	0.02	0.45	0.87	0.042	86K6956	2,940	2,040
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2300 SERIES - HORIZONTAL MOUNT

● 2300HT-100H-RC	10	23.3	7.2	0.006	0.56	1.18	0.066	86K7068	4,720	3,280
● 2300HT-330H-RC	33	13.6	23	0.015	0.53	1.14	0.053	86K7098	4,660	3,230
● 2300HT-470H-RC	47	10	34.7	0.028	0.52	1.13	0.042	86K7108	4,690	3,260
● 2300HT-151H-RC	150	7.5	97.9	0.05	0.56	1.17	0.042	86K7080	4,760	3,300
● 2300HT-221H-RC	220	6.8	136.6	0.061	0.56	1.17	0.042	86K7090	4,790	3,320
● 2300HT-471H-RC	470	4.5	297.9	0.14	0.54	1.16	0.037	86K7110	5,650	3,920

2300 SERIES - VERTICAL MOUNT

● 2300HT-100V-RC	10	23.3	7.2	0.006	0.56	1.18	0.066	86K7069	4,720	3,280
● 2300HT-220V-RC	22	19	14.5	0.008	0.56	1.18	0.066	86K7089	5,650	3,920

COMMON-MODE EMI SUPPRESSION TOROID INDUCTORS

- Features**
- Compact
 - Highly dependable
 - Eliminates noise and minimizes AC line transmitted interference
 - Meets VDE, IEC, UL, and CSA requirements
 - Constructed with UL rated 130C materials
- Applications**
- Power supplies
 - Differential mode filtering
 - High frequency circuits



TRIAD



CMT-V SERIES

CMT-H SERIES

Mfg. Part No.	L (Induct.) (µH)	L (Induct.) Leakage (µH)	DCR Max. (Ω)	I _{DC} (mA)	Nominal Dimensions (in.)			Stock No.	Price Each	
					H	W	L		1-9	10-24
● CMT908-V1	2	6.3	0.02	7.5	1.5	0.8	1.45	37B8976	4,480	3,940
● CMT908-V2	4	7.4	0.04	5.2	1.5	0.8	1.45	37B8977	4,480	3,940
● CMT908-V3	8	10.2	0.12	3.2	1.5	0.8	1.45	37B8978	4,480	3,940
● CMT908-V4	16	11.9	0.16	2.6	1.5	0.8	1.45	37B8979	4,480	3,940
● CMT908-H1	2	14.2	0.02	7.5	0.8	1.5	1.5	37B8972	4,480	3,940
● CMT908-H2	4	19.1	0.04	5.2	0.8	1.5	1.5	37B8973	4,480	3,940
● CMT908-H3	8	22.8	0.12	3.2	0.8	1.5	1.5	37B8974	4,480	3,940
● CMT908-H4	16	26.4	0.16	2.6	0.8	1.5	1.5	37B8975	4,480	3,940

CMS SERIES COMMON MODE SURFACE MOUNT INDUCTORS

- Features**
- 160°C Max. Total Temperature
 - Noise Attenuation Up to 44dB
 - Frequency Range Up to 100MHz
 - Solder Reflow Temperature: +260°C for 10 Sec. Max.
 - Meets UL94V-0 Flammability Standard
 - RoHS Compliant
- Operating ambient temperature range: -40°C to +160° (range is application specific).



COILTRONICS®

SMD

Mfg. Part No.	L (µH)	I _{rms} Max. (A)	DCR Typ. (Ω)	Leakage L (µH)	Interwinding Capacitance Typ. (pF)	Stock No.	Price Each
● CMS1-1-R	4.5	7	0.0027	0.05	2	52K9507	2,290
● CMS1-2-R	8	5.7	0.004	0.09	2.1	52K9513	2,320
● CMS1-3-R	12.6	4.1	0.0077	0.14	2.2	52K9514	2,320
● CMS1-4-R	18	3.8	0.0089	0.2	2.3	52K9515	2,520
● CMS1-5-R	25	3.6	0.01	0.28	2.4	52K9516	2,520
● CMS1-6-R	32.8	3.1	0.0138	0.36	2.5	52K9517	2,520
● CMS1-7-R	41.5	2.6	0.019	0.45	2.6	52K9518	2,320
● CMS1-8-R	51.2	2.2	0.026	0.056	2.7	52K9519	2,510

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2100HT/ 2200HT/ 2300HT SERIES HIGH TEMPERATURE, HIGH CURRENT TOROID INDUCTORS

- Features**
- High temperature rating
 - Low magnetic radiation
 - High current capacity
 - Horizontal for vertical mount
- Specifications**
- Tolerance: ±15%
 - Test frequency: 1kHz
 - Operating temp.: -55°C to +200°C
 - Current to cause 50°C max. temperature rise



J.W. Miller MAGNETICS A Bourns Company

- Applications**
- DC/DC converters
 - Output chokes
 - EMI filters



2100 SERIES - HORIZONTAL MOUNT

Mfg. Part No.	L (Ind.) (µH)	I _{DC} (A)	L (Ind.) @ I _{Rated} (µH)	DCR Max. (Ω)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-24	25-49
● 2100HT-100H-RC	10	9.9	7.6	0.012	0.33	0.76	0.042	86K6797	2,410	1,680
● 2100HT-150H-RC	15	9.1	11	0.014	0.33	0.76	0.042	86K6809	2,410	1,680

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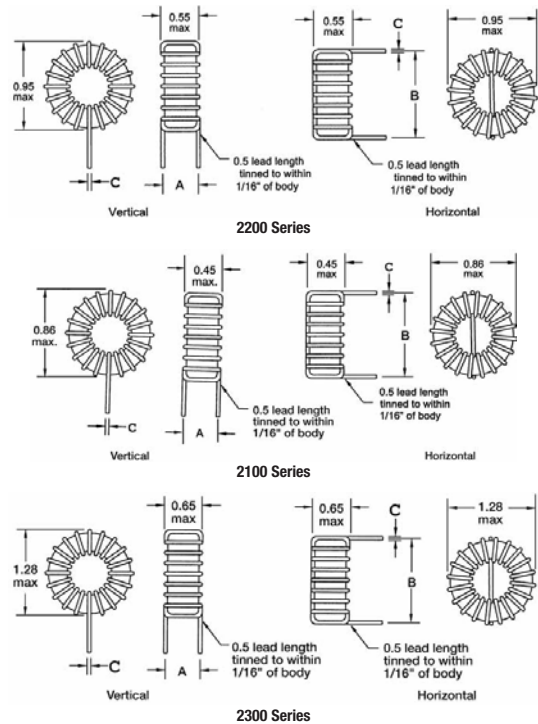
POWER INDUCTORS – TOROIDIAL

CMS SERIES COMMON MODE SURFACE MOUNT INDUCTORS (CONT.)

Mfg. Part No	L (µH)	I _{rms} Max. (A)	DCR Typ. (Ω)	Leakage L (µH)	Interwinding Capacitance Typ. (pF)	Stock No.	Price Each	
							1-9	10-24
● CMS1-9-R	62	1.9	0.035	0.88	2.7	52K9520	2.520	
● CMS1-10-R	73.7	1.65	0.048	0.81	2.8	52K9508	2.520	
● CMS1-11-R	100	1.35	0.07	1.1	2.9	52K9509	2.520	
● CMS1-12-R	131	1.15	0.1	1.45	3	52K9510	2.520	
● CMS1-13-R	166	1	0.138	1.83	3.1	52K9511	2.520	
● CMS1-14-R	205	0.85	0.186	2.25	3.2	52K9512	2.520	
● CMS2-1-R	25	5.35	0.005	0.22	2	52K9521	3.540	
● CMS2-2-R	40	4.4	0.008	0.34	2.3	52K9527	3.850	
● CMS2-3-R	57	3.6	0.012	0.47	2.5	52K9528	3.850	
● CMS2-4-R	102	2.8	0.019	0.8	2.8	52K9529	3.510	
● CMS2-5-R	160	2.3	0.029	1.25	3.1	52K9530	3.850	
● CMS2-6-R	230	1.85	0.044	1.75	3.4	52K9531	3.850	
● CMS2-7-R	270	1.6	0.06	2	3.6	52K9532	3.850	
● CMS2-8-R	360	1.35	0.084	2.6	3.9	52K9533	3.850	
● CMS2-9-R	460	1.1	0.12	3.3	4.1	52K9534	3.850	
● CMS2-10-R	575	0.94	0.17	4	4.3	52K9522	3.850	
● CMS2-11-R	700	0.8	0.23	5	4.6	52K9523	3.850	
● CMS2-12-R	915	0.67	0.33	6.3	4.9	52K9524	3.850	
● CMS2-13-R	1070	0.58	0.44	7.3	5.1	52K9525	3.850	
● CMS2-14-R	1340	0.5	0.62	9	5.4	52K9526	3.850	
● CMS3-1-R	28	5.7	0.005	0.31	2.8	52K9535	4.350	
● CMS3-2-R	45	5.1	0.006	0.46	3.05	52K9541	4.350	
● CMS3-3-R	64	4.75	0.007	0.64	3.3	52K9542	3.970	
● CMS3-4-R	88	3.95	0.01	0.85	3.5	52K9543	4.350	
● CMS3-5-R	146	3.1	0.017	1.3	3.7	52K9544	4.350	
● CMS3-6-R	217	2.85	0.02	1.9	3.9	52K9545	4.350	
● CMS3-7-R	258	2.45	0.027	2.2	4.15	52K9546	3.970	
● CMS3-8-R	350	2	0.04	3	4.4	52K9547	4.350	
● CMS3-9-R	400	1.7	0.053	3.3	4.65	52K9548	4.350	
● CMS3-10-R	518	1.45	0.076	4.2	4.85	52K9536	4.350	
● CMS3-11-R	648	1.2	0.107	5.1	5.1	52K9537	4.350	
● CMS3-12-R	790	1.05	0.145	6.1	5.35	52K9538	4.350	
● CMS3-13-R	1030	0.88	0.21	7.8	5.55	52K9539	4.350	
● CMS3-14-R	1310	0.75	0.3	9.6	5.8	52K9540	4.350	

(85717)

2100-2300 SERIES HIGH CURRENT TOROID CURRENT TOROID INDUCTORS

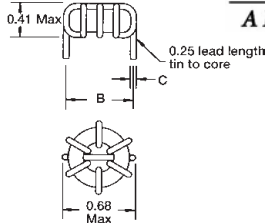


2100, 2200 and 2300 series high current toroid inductors feature DC-DC converter, EMI filter applications. Low Radiation, high current capacity, and low core loss. Vertical or horizontal mounts. Operating temperature: -55°C to +105°C. Current to cause 30°C maximum temperature rise. Tolerance: ±15%, Test frequency: 1kHz

HIGH-CURRENT TOROID INDUCTORS



- Features:
- Low Radiation
 - Low Core Loss
 - High Operation Frequency
 - High Current Capacity
 - Low Core Saturation
 - Horizontal Mount
 - Operating Temperature: -55°C to +105°C
 - Rated Current to Cause 40°C Temperature Rise
 - Tolerance: ±20%
 - Test Frequency: 1kHz



Mfg. Part No.	L (Induct.) (µH)	L (Induct.) @ I _{rated} (µH)	DCR Max. (mΩ)	I _{DC} (A)	Dimensions (in.)		Stock No.	Price Each
					B Nom.	C Nom.		
● 2000-1R2-H-RC	1.2	0.86	1.7	2.2	0.60	0.059	63K3408	1.470
● 2000-2R0-H-RC	2	1.5	2.7	15.6	0.59	0.053	63K3410	1.470
● 2000-3R3-H-RC	3.3	2.5	5.3	11.1	0.58	0.042	63K3411	1.470
● 2000-4R7-H-RC	4.7	3.5	6.4	1.1	0.58	0.042	63K3412	1.470
● 2000-5R6-H-RC	5.6	4.0	6.9	9.7	0.58	0.042	63K3413	1.660
● 2000-6R8-H-RC	6.8	5.7	13	7.2	0.56	0.034	63K3414	1.470
● 2000-100-H-RC	10	7.9	15	6.6	0.56	0.034	63K3409	1.470

(72551)

Mfg. Part No.	L (Induct.) (µH)	L (Induct.) @ I _{Rated} (µH)	DCR Max. (Ω)	I _{DC} (A)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-9	10-24
● 2101-V-RC	10	6.3	0.006	10.8	0.34	0.77	0.053	63K3630	2.750	2.060
● 2102-V-RC	12	7.4	0.007	10.3	0.34	0.77	0.053	63K3631	2.750	2.060
● 2103-V-RC	15	10.2	0.012	7.7	0.33	0.76	0.042	63K3632	2.750	2.060
● 2104-V-RC	18	11.9	0.013	7.4	0.33	0.76	0.042	63K3633	2.750	2.060
● 2105-V-RC	22	14.2	0.015	7	0.33	0.76	0.042	63K3634	2.750	2.060
● 2106-V-RC	27	19.1	0.026	5.3	0.32	0.75	0.034	63K3635	2.750	2.060
● 2107-V-RC	33	22.8	0.029	5	0.32	0.75	0.034	63K3636	2.750	2.060
● 2108-V-RC	39	26.4	0.032	4.8	0.32	0.75	0.034	63K3637	2.750	2.060
● 2109-V-RC	47	34.7	0.055	3.6	0.31	0.75	0.027	63K3638	2.750	2.060
● 2110-V-RC	56	40.6	0.060	3.4	0.31	0.75	0.027	63K3639	2.750	2.060
● 2111-V-RC	68	48.3	0.067	3.3	0.31	0.75	0.027	63K3640	2.750	2.060
● 2112-V-RC	100	75.2	0.13	2.4	0.31	0.74	0.022	63K3642	2.750	2.060
● 2113-V-RC	120	88.5	0.15	2.2	0.31	0.74	0.022	63K3644	2.750	2.060
● 2114-V-RC	150	84.3	0.062	3.4	0.35	0.79	0.034	63K3646	2.750	2.060
● 2115-V-RC	180	113.1	0.11	2.6	0.34	0.77	0.027	63K3648	2.750	2.060
● 2116-V-RC	220	134.4	0.12	2.4	0.34	0.77	0.027	63K3650	2.750	2.060
● 2117-V-RC	270	181.6	0.21	1.8	0.33	0.76	0.022	63K3652	2.750	2.060
● 2118-V-RC	330	216.3	0.23	1.7	0.33	0.76	0.022	63K3654	2.750	2.060
● 2119-V-RC	390	250.1	0.25	1.7	0.33	0.76	0.022	63K3656	2.750	2.060
● 2120-V-RC	470	293.8	0.28	1.6	0.35	0.76	0.022	63K3658	2.750	2.060
● 2121-V-RC	560	341.5	0.30	1.5	0.35	0.79	0.022	63K3660	2.750	2.060
● 2122-V-RC	680	403.2	0.33	1.4	0.35	0.79	0.022	63K3662	2.750	2.060
● 2123-V-RC	820	472.8	0.37	1.4	0.35	0.79	0.022	63K3664	2.750	2.060
● 2124-V-RC	1000	559.2	0.40	1.3	0.37	0.81	0.022	63K3666	2.750	2.060

2200 SERIES: VERTICAL MOUNT

● 2101-H-RC	10	6.3	0.006	10.8	0.34	0.77	0.053	63K3415	2.950	2.150
● 2102-H-RC	12	7.4	0.007	10.3	0.34	0.77	0.053	63K3416	2.950	2.150
● 2103-H-RC	15	10.2	0.012	7.7	0.33	0.76	0.042	63K3417	2.950	2.150
● 2104-H-RC	18	11.9	0.013	7.4	0.33	0.76	0.042	63K3418	2.950	2.150
● 2105-H-RC	22	14.2	0.015	7	0.33	0.76	0.042	63K3419	2.950	2.150
● 2106-H-RC	27	19.1	0.026	5.3	0.32	0.75	0.034	63K3420	2.950	2.150
● 2107-H-RC	33	22.8	0.029	5	0.32	0.75	0.034	63K3421	2.950	2.150
● 2108-H-RC	39	26.4	0.032	4.8	0.32	0.75	0.034	63K3422	2.950	2.150
● 2109-H-RC	47	34.7	0.055	3.6	0.31	0.75	0.027	63K3423	2.950	2.150
● 2110-H-RC	56	40.6	0.060	3.4	0.31	0.75	0.027	63K3424	2.950	2.150

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POWER INDUCTORS – TOROIDIAL

2100-2300 SERIES HIGH CURRENT TOROID INDUCTORS (CONT.)

2200 SERIES: VERTICAL MOUNT

Mfg. Part No.	L (Induct.) (µH)	L (Induct.) @ I Rated (µH)	DCR Max. (Ω)	I _{DC} (A)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-9	10-24
● 2111-H-RC	68	48.3	0.067	3.3	0.31	0.75	0.027	63K3425	2.950	2.150
● 2112-H-RC	100	75.2	0.13	2.4	0.31	0.74	0.022	63K3641	2.750	2.060
● 2113-H-RC	120	88.5	0.15	2.2	0.31	0.74	0.022	63K3643	2.750	2.060
● 2114-H-RC	150	84.3	0.062	3.4	0.35	0.79	0.034	63K3645	2.750	2.060
● 2115-H-RC	180	113.1	0.11	2.6	0.34	0.77	0.027	63K3647	2.750	2.060
● 2116-H-RC	220	134.4	0.12	2.4	0.34	0.77	0.027	63K3649	2.750	2.060
● 2117-H-RC	270	181.6	0.21	1.8	0.33	0.76	0.022	63K3651	2.750	2.060
● 2118-H-RC	330	216.3	0.23	1.7	0.33	0.76	0.022	63K3653	2.750	2.060
● 2119-H-RC	390	250.1	0.25	1.7	0.33	0.76	0.022	63K3655	2.750	2.060
● 2120-H-RC	470	293.8	0.28	1.6	0.35	0.76	0.022	63K3657	2.750	2.060
● 2121-H-RC	560	341.5	0.30	1.5	0.35	0.79	0.022	63K3659	2.750	2.060
● 2122-H-RC	680	403.2	0.33	1.4	0.35	0.79	0.022	63K3661	2.750	2.060
● 2123-H-RC	820	472.8	0.37	1.4	0.35	0.79	0.022	63K3663	2.750	2.060
● 2124-H-RC	1000	559.2	0.40	1.3	0.37	0.81	0.022	63K3665	2.750	2.060

2200 SERIES: VERTICAL MOUNT

● 2201-V-RC	10	6.7	0.007	12.5	0.46	0.88	0.053	63K3668	3.660	2.750
● 2202-V-RC	12	7.9	0.008	12	0.46	0.88	0.053	63K3670	3.660	2.750
● 2203-V-RC	15	9.6	0.008	11.3	0.46	0.88	0.053	63K3672	4.310	3.230
● 2204-V-RC	18	11.3	0.009	10.8	0.46	0.88	0.053	63K3674	4.310	3.230
● 2205-V-RC	22	13.4	0.010	10.3	0.46	0.88	0.053	63K3676	4.310	3.230
● 2206-V-RC	27	16	0.011	9.8	0.46	0.88	0.053	63K3678	4.310	3.230
● 2207-V-RC	33	21.6	0.020	7.4	0.45	0.87	0.042	63K3680	3.660	2.750
● 2208-V-RC	39	25	0.022	7.1	0.45	0.87	0.042	63K3682	4.310	3.230
● 2209-V-RC	47	29.3	0.024	6.7	0.45	0.87	0.042	63K3684	3.660	2.750
● 2210-V-RC	56	34.1	0.026	6.4	0.45	0.87	0.042	63K3686	4.310	3.230
● 2211-V-RC	68	45.7	0.046	4.9	0.44	0.86	0.034	63K3688	3.660	2.750
● 2212-V-RC	100	64	0.056	4.4	0.44	0.86	0.034	63K3690	4.310	3.230
● 2213-V-RC	120	84.4	0.098	3.3	0.44	0.86	0.027	63K3692	4.310	3.230
● 2214-V-RC	150	102.7	0.11	3.1	0.44	0.86	0.027	63K3694	4.310	3.230
● 2215-V-RC	180	105.9	0.075	3.8	0.48	0.9	0.034	63K3697	3.660	2.750
● 2216-V-RC	220	125.6	0.083	3.6	0.48	0.9	0.034	63K3699	4.310	3.230
● 2217-V-RC	270	149.4	0.092	3.4	0.48	0.9	0.034	63K3701	4.630	3.470
● 2218-V-RC	330	176.8	0.10	3.3	0.48	0.9	0.034	63K3703	3.980	2.990
● 2219-V-RC	390	235.3	0.18	2.5	0.46	0.88	0.027	63K3705	4.630	3.470
● 2220-V-RC	470	275.9	0.19	2.3	0.46	0.88	0.027	63K3707	3.980	2.990
● 2221-V-RC	560	320.1	0.21	2.2	0.46	0.88	0.027	63K3709	3.980	2.990
● 2222-V-RC	680	377.2	0.23	2.1	0.49	0.91	0.027	63K3711	4.630	3.470
● 2223-V-RC	820	441.5	0.26	2	0.49	0.91	0.027	63K3713	3.980	2.990
● 2224-V-RC	1000	521.3	0.28	1.9	0.49	0.91	0.027	63K3715	4.630	3.470

2200 SERIES: HORIZONTAL MOUNT

● 2201-H-RC	10	6.7	0.007	12.5	0.46	0.88	0.053	63K3667	3.660	2.750
● 2202-H-RC	12	7.9	0.008	12	0.46	0.88	0.053	63K3669	3.660	2.750
● 2203-H-RC	15	9.6	0.008	11.3	0.46	0.88	0.053	63K3671	3.660	2.750
● 2204-H-RC	18	11.3	0.009	10.8	0.46	0.88	0.053	63K3673	3.660	2.750
● 2205-H-RC	22	13.4	0.010	10.3	0.46	0.88	0.053	63K3675	3.660	2.750
● 2206-H-RC	27	16	0.011	9.8	0.46	0.88	0.053	63K3677	3.660	2.750
● 2207-H-RC	33	21.6	0.020	7.4	0.45	0.87	0.042	63K3679	3.660	2.750
● 2208-H-RC	39	25	0.022	7.1	0.45	0.87	0.042	63K3681	3.660	2.750
● 2209-H-RC	47	29.3	0.024	6.7	0.45	0.87	0.042	63K3683	3.660	2.750
● 2210-H-RC	56	34.1	0.026	6.4	0.45	0.87	0.042	63K3685	3.660	2.750
● 2211-H-RC	68	45.7	0.046	4.9	0.44	0.86	0.034	63K3687	3.660	2.750
● 2212-H-RC	100	64	0.056	4.4	0.44	0.86	0.034	63K3689	3.660	2.750
● 2213-H-RC	120	84.4	0.098	3.3	0.44	0.86	0.027	63K3691	3.660	2.750
● 2214-H-RC	150	102.7	0.11	3.1	0.44	0.86	0.027	63K3694	3.660	2.750
● 2215-H-RC	180	105.9	0.075	3.8	0.48	0.9	0.034	63K3696	3.660	2.750
● 2216-H-RC	220	125.6	0.083	3.6	0.48	0.9	0.034	63K3698	3.660	2.750
● 2217-H-RC	270	149.4	0.092	3.4	0.48	0.9	0.034	63K3700	3.980	2.990
● 2218-H-RC	330	176.8	0.10	3.3	0.48	0.9	0.034	63K3702	3.980	2.990
● 2219-H-RC	390	235.3	0.18	2.5	0.46	0.88	0.027	63K3704	3.980	2.990
● 2220-H-RC	470	275.9	0.19	2.3	0.46	0.88	0.027	63K3706	3.980	2.990
● 2221-H-RC	560	320.1	0.21	2.2	0.46	0.88	0.027	63K3708	3.980	2.990
● 2222-H-RC	680	377.2	0.23	2.1	0.49	0.91	0.027	63K3710	3.980	2.990
● 2223-H-RC	820	441.5	0.26	2	0.49	0.91	0.027	63K3712	3.980	2.990
● 2224-H-RC	1000	521.3	0.28	1.9	0.49	0.91	0.027	63K3714	3.980	2.990

2300 SERIES: VERTICAL MOUNT

● 2301-V-RC	10	6.7	0.005	20	0.56	1.18	0.066	63K3717	4.270	3.210
● 2302-V-RC	12	7.8	0.005	19.1	0.56	1.18	0.066	63K3719	4.270	3.210
● 2303-V-RC	15	9.5	0.006	18	0.56	1.18	0.066	63K3721	4.270	3.210
● 2304-V-RC	18	11.1	0.006	17.2	0.56	1.18	0.066	63K3723	4.270	3.210
● 2305-V-RC	22	13.2	0.007	16.4	0.56	1.18	0.066	63K3725	4.270	3.210
● 2306-V-RC	27	15.7	0.008	15.6	0.56	1.18	0.066	63K3727	4.270	3.210
● 2307-V-RC	33	21.3	0.013	11.7	0.53	1.14	0.053	63K3729	4.270	3.210

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2100-2300 SERIES HIGH CURRENT TOROID INDUCTORS (CONT.)

2300 SERIES: VERTICAL MOUNT

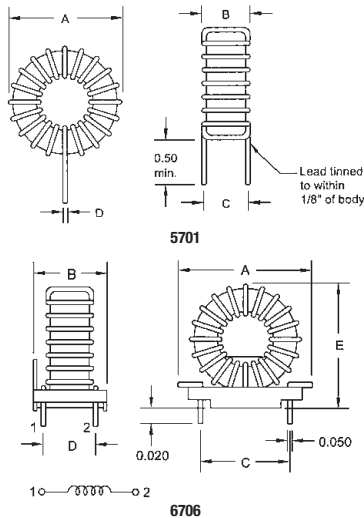
Mfg. Part No.	L (Induct.) (µH)	L (Induct.) @ I Rated (µH)	DCR Max. (Ω)	I _{DC} (A)	Nominal Dimensions (in.)			Stock No.	Price Each	
					A	B	C		1-9	10-24
● 2308-V-RC	39	24.7	0.014	11.2	0.53	1.14	0.053	63K3731	4.270	3.210
● 2309-V-RC	47	29	0.016	10.7	0.53	1.14	0.053	63K3733	4.270	3.210
● 2310-V-RC	56	33.7	0.017	10.2	0.53	1.14	0.053	63K3735	4.270	3.210
● 2311-V-RC	68	45.2	0.030	7.7	0.52	1.13	0.042	63K3737	4.270	3.210
● 2312-V-RC	100	63.1	0.037	7	0.52	1.13	0.042	63K3739	4.270	3.210
● 2313-V-RC	120	73.9	0.040	6.7	0.52	1.13	0.042	63K3741	4.270	3.210
● 2314-V-RC	150	101.4	0.071	5	0.51	1.12	0.034	63K3743	4.270	3.210
● 2315-V-RC	180	118.9	0.078	4.8	0.51	1.12	0.034	63K3745	4.270	3.210
● 2316-V-RC	220	123.8	0.054	5.8	0.56	1.17	0.042	63K3747	4.270	3.210
● 2317-V-RC	270	147.2	0.060	5.5	0.56	1.17	0.042	63K3749	4.270	3.210
● 2318-V-RC	330	174.1	0.067	5.2	0.56	1.17	0.042	63K3751	4.270	3.210
● 2319-V-RC	390	200.2	0.072	5	0.56	1.17	0.042	63K3753	4.270	3.210
● 2320-V-RC	470	271.4	0.13	3.8	0.54	1.16	0.034	63K3755	4.270	3.210
● 2321-V-RC	560	314.8	0.14	3.6	0.54	1.16	0.034	63K3757	4.270	3.210
● 2322-V-RC	680	370.7	0.15	3.4	0.54	1.16	0.034	63K3759	4.270	3.210
● 2323-V-RC	820	500.9	0.27	2.6	0.53	1.14	0.027	63K3761	4.270	3.210
● 2324-V-RC	1000	593.6	0.30	2.4	0.53	1.14	0.027	63K3763	4.270	3.210

2300 SERIES: HORIZONTAL MOUNT

● 2301-H-RC	10	6.7	0.005	20	0.56	1.18	0.066	63K3716	4.270	3.210
● 2302-H-RC	12	7.8	0.005	19.1	0.56	1.18	0.066	63K3718	4.270	3.210
● 2303-H-RC	15	9.5	0.006	18	0.56	1.18	0.066	63K3720	4.270	3.210
● 2304-H-RC	18	11.1	0.006	17.2	0.56	1.18	0.066	63K3722	4.270	3.210
● 2305-H-RC	22	13.2	0.007	16.4	0.56	1.18	0.066	63K3724	4.270	3.210
● 2306-H-RC	27	15.7	0.008	15.6	0.56	1.18	0.066	63K3726	4.270	3.210
● 2307-H-RC	33	21.3	0.013	11.7	0.53	1.14	0.053	63K3728	4.270	3.210
● 2308-H-RC	39	24.7	0.014	11.2	0.53	1.14	0.053	63K3730	4.270	3.210
● 2309-H-RC	47	29	0.016	10.7	0.53	1.14	0.053	63K3732	4.270	3.210
● 2310-H-RC	56	33.7	0.017	10.2	0.53	1.14	0.053	63K3734	4.270	3.210
● 2311-H-RC	68	45.2	0.030	7.7	0.52	1.13	0.042	63K3736	4.270	3.210
● 2312-H-RC	100	63.1	0.037	7	0.52	1.13	0.042	63K3738	4.270	3.210
● 2313-H-RC	120	73.9	0.040	6						

POWER INDUCTORS – TOROIDIAL

HIGH CURRENT TOROID INDUCTORS



5700 and 6700 series high current toroid inductors feature low radiation, high current capacity and high inductance. 5700 series- low cost. 6700 series mounted on a VW-1 rated header with fixed pins for easy PC board insertion. Operating temperature: -55°C to +105°C. Tolerance: ±20%

5700 SERIES

Mfg. Part No.	L (Ind.) (µH)	L (Ind.) @ Rated I (µH)	DCR Max. (Ω)	I _{DC} (A)	Nominal Dimensions (in.)					Stock No.	Price Each
					A	B	C	D	E		
● 5701-RC	10	5	0.008	11	0.875	0.437	0.32	0.064		63K3779	5.500
● 5702-RC	25	12	0.014	5.5	0.875	0.437	0.3	0.04		63K3780	5.500
● 5703-RC	125	70	0.12	2.75	0.875	0.437	0.3	0.02		63K3781	5.500
● 5704-RC	275	150	0.24	2	0.875	0.437	0.3	0.016		63K3782	5.500
● 5705-RC	450	250	0.49	1.5	0.875	0.437	0.3	0.012		63K3783	5.500
● 5706-RC	25	15	0.012	9	1.125	0.562	0.45	0.064		63K3784	5.500
● 5707-RC	75	40	0.04	5	1.125	0.562	0.42	0.036		63K3785	5.500
● 5708-RC	400	225	0.33	2.25	1.125	0.562	0.42	0.018		63K3786	5.500
● 5709-RC	800	475	0.64	1.75	1.125	0.562	0.42	0.015		63K3787	5.500
● 5710-RC	1000	575	0.98	1.5	1.125	0.562	0.4	0.012		63K3788	5.500
● 5711-RC	50	25	0.012	9.5	1.25	0.625	0.53	0.064		63K3789	5.500
● 5712-RC	150	85	0.046	4.75	1.25	0.625	0.5	0.036		63K3790	5.500
● 5713-RC	700	400	0.42	2.25	1.25	0.625	0.5	0.018		63K3791	5.500
● 5714-RC	1250	750	0.85	1.75	1.25	0.625	0.48	0.015		63K3792	5.500
● 5715-RC	1600	950	1.27	1.5	1.25	0.625	0.48	0.012		63K3793	5.500
● 5716-RC	125	65	0.032	7.75	1.812	0.75	0.68	0.064		63K3794	9.820
● 5717-RC	500	275	0.12	4	1.812	0.75	0.65	0.032		63K3795	9.820
● 5718-RC	1100	650	0.33	2.5	1.812	0.75	0.65	0.025		63K3796	9.820
● 5719-RC	2250	1350	0.92	1.75	1.812	0.75	0.65	0.018		63K3797	9.820
● 5720-RC	4500	2700	2.64	1.25	1.812	0.75	0.65	0.012		63K3798	9.820
● 5721-RC	250	125	0.041	8	2.125	0.937	0.79	0.062		63K3799	13.040
● 5722-RC	900	500	0.175	3.75	2.125	0.937	0.75	0.032		63K3800	13.040
● 5723-RC	1800	1000	0.55	2.5	2.125	0.937	0.75	0.023		63K3801	11.450
● 5724-RC	4000	2100	1.16	1.75	2.125	0.937	0.74	0.018		63K3802	11.620
● 5725-RC	8000	4500	3.34	1	2.125	0.937	0.74	0.012		63K3803	11.620
● 5726-RC	25	16	0.04	2.5	0.55	0.22	0.21	0.02		63K3804	4.930
● 5727-RC	35	29	0.035	2.5	0.7	0.32	0.3	0.025		63K3805	4.930
● 5728-RC	50	35	0.06	2.5	0.75	0.32	0.28	0.02		63K3806	4.930
● 5729-RC	100	70	0.08	2.5	0.85	0.36	0.33	0.02		63K3807	4.930
● 5730-RC	70	50	0.05	3	0.85	0.36	0.33	0.025		63K3808	4.930
● 5731-RC	40	30	0.025	4	0.85	0.36	0.34	0.032		63K3809	4.930

6700 SERIES WITH HEADER

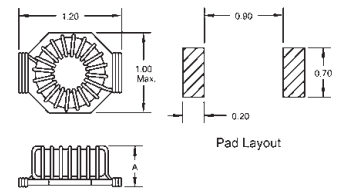
Mfg. Part No.	L (Ind.) (µH)	L (Ind.) @ Rated I (µH)	DCR Max. (Ω)	I _{DC} (A)	Nominal Dimensions (in.)					Stock No.	Price Each
					A	B	C	D	E		
● 6701-RC	10	5	0.008	11	0.875	0.425	0.6	0.25	1	63K3913	6.910
● 6702-RC	25	12	0.014	5.5	0.875	0.425	0.6	0.25	1	63K3914	6.910
● 6703-RC	125	70	0.12	2.75	0.875	0.425	0.6	0.25	1	63K3915	6.830
● 6704-RC	275	150	0.24	2	0.875	0.425	0.6	0.25	1	63K3916	6.830
● 6705-RC	450	250	0.49	1.5	0.875	0.425	0.6	0.25	1	63K3917	6.830
● 6706-RC	25	15	0.012	9	1.125	0.6	0.8	0.4	1.25	63K3918	6.910

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HIGH CURRENT TOROID INDUCTORS (CONT.)

Mfg. Part No.	L (Ind.) (µH)	L (Ind.) @ Rated I (µH)	DCR Max. (Ω)	I _{DC} (A)	Nominal Dimensions (in.)					Stock No.	Price Each
					A	B	C	D	E		
● 6707-RC	75	40	0.04	5	1.125	0.6	0.8	0.4	1.25	63K3919	6.910
● 6708-RC	400	225	0.33	2.25	1.125	0.6	0.8	0.4	1.25	63K3920	6.910
● 6709-RC	800	475	0.64	1.75	1.125	0.6	0.8	0.4	1.25	63K3921	6.910
● 6710-RC	1000	675	0.98	1.5	1.125	0.6	0.8	0.4	1.25	63K3922	6.910
● 6711-RC	50	25	0.012	9.5	1.25	0.8	0.9	0.6	1.375	63K3923	6.910
● 6712-RC	150	85	0.046	4.75	1.25	0.8	0.9	0.6	1.375	63K3924	8.330
● 6713-RC	700	400	0.42	2.25	1.25	0.8	0.9	0.6	1.375	63K3925	8.330
● 6714-RC	1250	750	0.85	1.75	1.25	0.8	0.9	0.6	1.375	63K3926	8.330
● 6718-RC	1100	650	0.33	2.5	1.812	0.9	1.2	0.7	1.95	63K3930	9.420
● 6715-RC	1600	950	1.27	1.5	1.25	0.8	0.9	0.6	1.375	63K3927	6.910
● 6716-RC	125	65	0.032	7.75	1.812	0.9	1.2	0.7	1.95	63K3928	10.990
● 6717-RC	500	275	0.12	4	1.812	0.9	1.2	0.7	1.95	63K3929	10.990
● 6719-RC	2250	1350	0.92	1.75	1.812	0.9	1.2	0.7	1.95	63K3931	9.420
● 6720-RC	4500	2700	2.64	1.25	1.812	0.9	1.2	0.7	1.95	63K3932	9.420
● 6721-RC	250	125	0.041	8	2.125	1.1	1.5	0.9	2.25	63K3933	14.610
● 6722-RC	900	500	0.175	3.75	2.125	1.1	1.5	0.9	2.25	63K3934	14.610
● 6723-RC	1800	1000	0.55	2.5	2.125	1.1	1.5	0.9	2.25	63K3935	13.020
● 6724-RC	4000	2100	1.16	1.75	2.125	1.1	1.5	0.9	2.25	63K3936	13.020
● 6725-RC	8000	4500	3.34	1	2.125	1.1	1.5	0.9	2.25	63K3937	13.020
● 6726-RC	25	16	0.04	2.5	0.55	0.425	0.6	0.25	1	63K3938	7.460
● 6727-RC	35	29	0.035	2.5	0.7	0.425	0.6	0.25	1	63K3426	7.460
● 6728-RC	50	35	0.06	2.5	0.75	0.425	0.6	0.25	1	63K3939	7.460
● 6729-RC	100	70	0.08	2.5	0.85	0.425	0.6	0.25	1	63K3940	7.450
● 6730-RC	70	50	0.05	3	0.85	0.425	0.6	0.25	1	63K3941	7.460
● 6731-RC	40	30	0.025	4	0.85	0.425	0.6	0.25	1	63K3942	7.460

PM2110 AND PM2120 SERIES SURFACE MOUNT HIGH CURRENT TOROID CONDUCTORS



PM2110 and PM2120 series surface mount high current toroid inductors. DC-DC converter, EMI filter applications. Low radiation, low core loss, low cost. Ideal for reflow soldering. Operating temperature -55 to +105°C. Current to cause 30°C maximum temperature rise. Tolerance: ±20%, Test Frequency: 1kHz

PM2110 SERIES

Mfg. Part No.	L (Induct.) (µH)	I _{DC} (A)	L (Induct.) @ Rated I (µH)	D _{CR} Max. (Ω)	Dim. A Max. (in.)	Tape Cut		
						Stock No.	1-9	10-24
● PM2110-1R5M-RC	1.5	2.3	1.2	0.002	0.57	63K3170	2.230	2.060
● PM2110-1R8M-RC	1.8	18.5	1.4	0.003	0.57	63K3171	2.220	2.050
● PM2110-2R2M-RC	2.2	17.2	1.7	0.003	0.57	63K3181	2.220	2.050
● PM2110-2R7M-RC	2.7	16	2	0.004	0.62	63K3182	2.220	2.050
● PM2110-3R9M-RC	3.9	15.1	2.8	0.004	0.57	63K3188	2.220	2.050
● PM2110-4R7M-RC	4.7	14.4	3.4	0.004	0.62	63K3193	2.220	2.050
● PM2110-5R6M-RC	5.6	13.7	3.9	0.005	0.57	63K3196	2.220	2.050
● PM2110-6R8M-RC	6.8	13.1	4.6	0.005	0.59	63K3199	2.220	2.050
● PM2110-8R2M-RC	8.2	12.6	5.5	0.006	0.57	63K3202	2.220	2.050
● PM2110-100K-RC	10	11.7	6.5	0.007	0.53	63K3172	2.220	2.050
● PM2110-120K-RC	12	11.3	7.6	0.007	0.57	63K3175	2.220	2.050
● PM2110-150K-RC	15	1.7	9.2	0.008	0.57	63K3177	2.220	2.050
● PM2110-180K-RC	18	1.2	10.7	0.009	0.57	63K3179	2.220	2.050
● PM2110-220K-RC	22	9.7	12.7	0.01	0.60	63K3183	2.220	2.050
● PM2110-270K-RC	27	8.2	16	0.014	0.54	63K3185	2.220	2.050
● PM2110-330K-RC	33	7	20.1	0.019	0.60	63K3189	2.220	2.050
● PM2110-390K-RC	39	6.8	23.2	0.02	0.57	63K3191	2.220	2.050
● PM2110-470K-RC	47	6.5	27.2	0.022	0.57	63K3194	2.220	2.050
● PM2110-560K-RC	56	6.2	31.6	0.024	0.52	63K3197	2.220	2.050
● PM2110-680K-RC	68	5.9	37.1	0.027	0.60	63K3200	2.220	2.050
● PM2110-101K-RC	100	5.4	51.4	0.032	0.60	63K3173	2.220	2.050
● PM2110-121K-RC	120	5.1	59.6	0.035	0.57	63K3176	2.220	2.050
● PM2110-151K-RC	150	4.3	77.3	0.049	0.62	63K3178	2.220	2.050
● PM2110-181K-RC	180	3.7	96.3	0.066	0.57	63K3180	2.220	2.050
● PM2110-221K-RC	220	3.5	113.8	0.074	0.57	63K3184	2.220	2.050
● PM2110-271K-RC	270	3.4	134.9	0.082	0.62	63K3186	2.220	2.050
● PM2110-391K-RC	390	3.1	182.9	0.098	0.57	63K3192	2.220	2.050

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POWER INDUCTORS – TOROIDIAL

PM2110 AND PM2120 SERIES SURFACE MOUNT HIGH CURRENT TOROID CONDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	I _{DC} (A)	L (Induct.) @ Rated I (µH)	D _{CR} Max. (Ω)	Dim. A Max. (in.)	Tape Cut		
						Stock No.	1-9	10-24
● PM2110-471K-RC	470	2.6	230.4	0.133	0.62	63K3195	2.220	2.050
● PM2110-561K-RC	560	2.5	266	0.146	0.57	67K7725	2.220	2.050
● PM2110-681K-RC	680	2.1	337.1	0.202	0.57	63K3201	2.220	2.050
● PM2110-821K-RC	820	2	394.1	0.221	0.62	63K3204	2.220	2.050
● PM2110-102K-RC	1000	1.9	463.7	0.244	0.60	63K3174	2.220	2.050

PM2120 SERIES

● PM2120-1R0M-RC	1	25.4	0.9	0.9	0.82	63K3205	2.430	2.250
● PM2120-1R2M-RC	1.2	25.4	1.1	1.1	0.82	63K3206	2.430	2.250
● PM2120-1R5M-RC	1.5	22	1.3	1.3	0.82	63K3207	2.480	2.300
● PM2120-1R8M-RC	1.8	22	1.5	1.5	0.82	63K3208	2.480	2.300
● PM2120-2R2M-RC	2.2	19.7	1.8	1.8	0.82	63K3218	2.430	2.250
● PM2120-2R7M-RC	2.7	19.7	2.2	2.2	0.87	63K3219	2.430	2.250
● PM2120-3R3M-RC	3.3	18	2.6	2.6	0.82	63K3224	2.430	2.250
● PM2120-3R9M-RC	3.9	18	3.1	3.1	0.82	63K3225	2.430	2.250
● PM2120-4R7M-RC	4.7	16.6	3.7	3.7	0.87	63K3230	2.430	2.250
● PM2120-5R6M-RC	5.6	15.6	4.2	4.2	0.82	63K3234	2.430	2.250
● PM2120-6R8M-RC	6.8	14.7	5	5	0.87	63K3237	2.430	2.250
● PM2120-8R2M-RC	8.2	14.7	6.1	6.1	0.82	63K3240	2.430	2.250
● PM2120-100K-RC	10	13.9	7.2	0.007	0.83	63K3209	2.430	2.250
● PM2120-120K-RC	12	12.7	8.3	0.008	0.82	63K3212	2.430	2.250
● PM2120-150K-RC	15	12.2	10.2	0.009	0.82	63K3214	2.430	2.250
● PM2120-180K-RC	18	11.8	12	0.009	0.82	63K3216	2.430	2.250
● PM2120-220K-RC	22	11	14.2	0.011	0.83	63K3220	2.430	2.250
● PM2120-270K-RC	27	1.4	16.9	0.012	0.82	63K3222	2.430	2.250
● PM2120-330K-RC	33	1.1	20.3	0.013	0.80	63K3226	2.430	2.250
● PM2120-390K-RC	39	9.6	23.3	0.014	0.82	63K3228	2.430	2.250
● PM2120-470K-RC	47	8.2	29.2	0.019	0.82	63K3232	2.430	2.250
● PM2120-560K-RC	56	7.9	33.9	0.021	0.82	63K3235	2.430	2.250
● PM2120-680K-RC	68	6.7	42.2	0.029	0.78	63K3238	2.430	2.250
● PM2120-820K-RC	82	6.4	49.5	0.032	0.82	63K3241	2.430	2.250
● PM2120-101K-RC	100	6.1	58.7	0.035	0.79	63K3210	2.430	2.250
● PM2120-121K-RC	120	5.8	68.1	0.039	0.82	63K3213	2.430	2.250
● PM2120-151K-RC	150	5.5	82.5	0.043	0.79	63K3215	2.430	2.250
● PM2120-181K-RC	180	5.3	96.2	0.047	0.85	63K3217	2.430	2.250
● PM2120-221K-RC	220	5	113.7	0.052	0.82	63K3221	2.430	2.250
● PM2120-271K-RC	270	4.2	144.5	0.072	0.79	63K3223	2.430	2.250
● PM2120-331K-RC	330	3.6	183.4	0.1	0.85	63K3227	2.430	2.250
● PM2120-391K-RC	390	3.5	211.6	0.108	0.82	63K3229	2.430	2.250
● PM2120-471K-RC	470	3.3	247.1	0.119	0.77	63K3233	2.430	2.250
● PM2120-561K-RC	560	3.2	285.8	0.13	0.85	63K3236	2.430	2.250
● PM2120-681K-RC	680	3	336.3	0.142	0.82	63K3239	2.430	2.250
● PM2120-821K-RC	820	2.9	392.5	0.157	0.87	63K3242	2.430	2.250
● PM2120-102K-RC	1000	2.5	499.7	0.215	0.85	63K3211	2.430	2.250

(72678)

FIT SERIES TOROIDAL INDUCTORS



TRIAD

Features

- Highly dependable
- Stores energy to condition output signals

Applications

- Differential mode
- Output inductor
- High frequency circuits



Mfg. Part No.	L (Induct.) (µH)	L (Induct.) @ I Rated (µH)	DCR Max. (Ω)	IDC (A)	Nominal Dimensions (in.)			Price Each		
					H	W	L	Stock No.	1-9	10-24
● FIT44-1	915	12.72	44.8	2.8	0.7	0.35	0.625	37B9059	1.830	1.610
● FIT44-2	14.75	9.82	30.7	3.4	0.7	0.35	0.625	37B9060	1.830	1.610
● FIT44-3	12.3	7.75	23.4	4	0.7	0.35	0.625	37B9061	1.830	1.610
● FIT44-4	8.06	5.22	15.9	4.8	0.7	0.35	0.625	37B9062	1.830	1.610
● FIT50-1	47.4	29	78.9	2.8	0.75	0.475	0.7	37B9063	2.170	1.910
● FIT50-2	35.48	23.77	57.8	3.4	0.75	0.475	0.7	37B9064	2.170	1.910
● FIT50-3	27.16	16.13	40.1	4	0.75	0.475	0.7	37B9065	2.170	1.910
● FIT50-4	21.65	12.27	29.2	4.8	0.75	0.475	0.7	37B9066	2.170	1.910
● FIT50-5	16.76	9.5	20	5.7	0.75	0.475	0.7	37B9067	2.170	1.910
● FIT50-6	12.5	6.75	14	6.8	0.75	0.475	0.7	37B9068	2.170	1.910
● FIT50-7	8.86	4.8	11	8.1	0.75	0.475	0.7	37B9069	2.170	1.910
● FIT68-1	89.5	57.99	108	2.8	0.95	0.475	0.875	37B9070	2.620	2.310
● FIT68-2	71.1	41.59	86.1	3.4	0.95	0.475	0.875	37B9071	2.620	2.310
● FIT68-3	54.81	33.05	59.9	4	0.95	0.475	0.875	37B9072	2.620	2.310

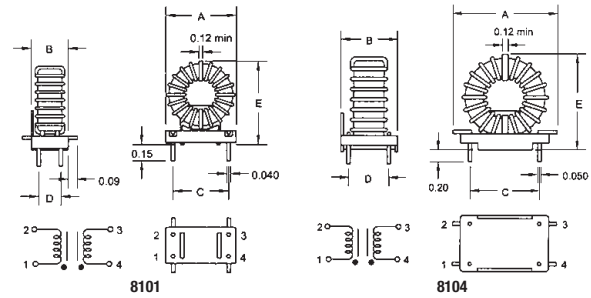
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FIT SERIES TOROIDAL INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	L (Induct.) @ I Rated (µH)	DCR Max. (Ω)	IDC (A)	Nominal Dimensions (in.)			Stock No.	Price Each	
					H	W	L		1-9	10-24
● FIT68-4	43.3	26.63	42.4	4.8	0.95	0.475	0.875	37B9073	2.620	2.310
● FIT68-5	33.15	18.79	28.8	5.7	0.95	0.475	0.875	37B9074	2.620	2.310
● FIT68-6	24.31	13.56	20.2	6.8	0.95	0.475	0.875	37B9075	2.620	2.310
● FIT68-7	18.64	10.23	14.8	8.1	0.95	0.475	0.875	37B9076	2.620	2.310
● FIT80-1	128	74.04	95.2	4	1.1	0.625	0.975	37B9077	3.250	2.860
● FIT80-2	107.5	58.05	67.9	4.8	1.1	0.625	0.975	37B9078	3.250	2.860
● FIT80-3	80.75	42	44.8	5.7	1.1	0.625	0.975	37B9079	3.250	2.860
● FIT80-4	65.04	31.6	33.8	6.8	1.1	0.625	0.975	37B9080	3.250	2.860
● FIT80-5	47.7	22.79	22.5	8.1	1.1	0.625	0.975	37B9081	3.250	2.860
● FIT80-6	38.07	18.11	17	9.7	1.1	0.625	0.975	37B9082	3.250	2.860
● FIT106-1	253	153	139	4	1.4	0.725	1.3	37B9053	4.040	3.550
● FIT106-2	197	113	106	4.8	1.4	0.725	1.3	37B9054	4.040	3.550
● FIT106-3	154	84	74	5.7	1.4	0.725	1.3	37B9055	4.040	3.550
● FIT106-4	116	61.9	48.5	6.8	1.4	0.725	1.3	37B9056	4.040	3.550
● FIT106-5	93	48	39.1	8.1	1.4	0.725	1.3	37B9057	4.040	3.550
● FIT106-6	70.05	35.3	24	9.7	1.4	0.725	1.3	37B9058	4.040	3.550

(115457)

8100 SERIES COMMON MODE INDUCTORS WITH HEADERS

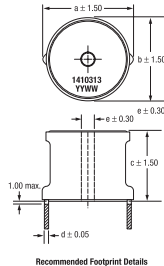


8100 series common mode inductors (with header) are single-layer wound. Excellent EMI suppression capability over wide frequency spectrum. High current capacity. Dielectric strength: 1500V_{RMS}. Coil mount on VW-1 rated plastic header. Fixed pin spacing allows easy PC board insertion. Operating temperature: -55°C to +105°C. Current to cause maximum temperature rise of 35°C. Test Frequency: 1KHz

Mfg. Part No.	L _{min.} (Induct.) (mH)	DCR Max. (mΩ)	I _{DC} (A)	Dimensions (in.)					Stock No.	Price Each
				A (Max.)	B ±0.01	C ±0.015	D ±0.015	E (Max.)		
● 8101-RC	4	173	1.7	0.76	0.425	0.6	0.25	0.9	63K4068	4.320
● 8102-RC	2.5	90	2.4	0.76	0.425	0.6	0.25	0.9	63K4069	4.320
● 8103-RC	1	22	4.8	0.76	0.425	0.6	0.25	0.9	63K4070	4.320
● 8104-RC	10	170	2.4	1.2	0.6	0.8	0.4	1.2	63K4071	6.040
● 8105-RC	7	120	2.8	1.2	0.6	0.8	0.4	1.2	63K4072	6.040
● 8106-RC	5	70	3.7	1.2	0.6	0.8	0.4	1.2	63K4073	6.040
● 8107-RC	2	22	6.6	1.2	0.6	0.8	0.4	1.2	63K4074	6.040
● 8108-RC	1	10	10	1.2	0.6	0.8	0.4	1.2	63K4075	6.040
● 8109-RC	30	330	2.3	1.35	0.8	0.9	0.6	1.45	63K4076	6.040
● 8110-RC	20	210	2.9	1.35	0.8	0.9	0.6	1.45	63K4077	9.490
● 8111-RC	12	110	4	1.35	0.8	0.9	0.6	1.45	63K4078	9.490
● 8112-RC	8	55	5.6	1.35	0.8	0.9	0.6	1.45	63K4079	9.490
● 8113-RC	5	22	8.9	1.45	0.8	0.9	0.6	1.5	63K4080	9.490
● 8114-RC	2.5	11	12.5	1.45	0.8	0.9	0.6	1.5	63K4081	9.490
● 8115-RC	1.2	6	16	1.5	0.8	0.9	0.6	1.53	63K4082	9.490
● 8116-RC	50	450	2.3	1.55	0.8	0.9	0.6	1.65	63K4083	12.080
● 8117-RC	36	300	2.9	1.55	0.8	0.9	0.6	1.65	63K4085	12.080
● 8118-RC	7.3	32	9.3	1.65						

POWER INDUCTORS – TOROIDIAL • INDUCTORS – AXIAL TERMINAL

1400 SERIES BOBBIN INDUCTORS



- Features**
- PC Board or Chassis Mountable
 - Fully Tinned Leads
 - Lead Length: 10mm
 - Low DC Resistance
 - Radial Format
 - Low Temperature Dependence

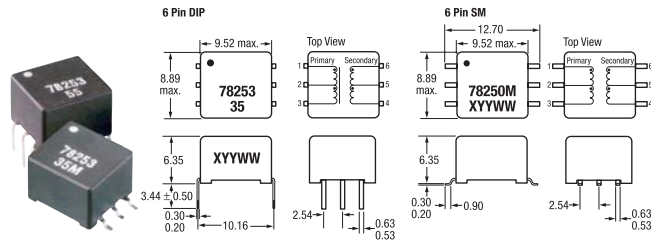
- Specifications**
- Operating Temperature: -40°C to 85°C

High-current bobbin core inductors designed for switching regulators along with filter and power line applications. Non-magnetic screw provides mechanical stability. Core manufactured from high-saturation flux density material, winding is insulated by a heat-shrunk sleeve. Tolerance: ±10%.

Mfg. Part No.	L (Induct.) (µH)	I _{DC} (A)	Stock No.	Price Each	
				1-9	10-24
● 1410454C	100	5.4	61K4770	2.490	
● 1410478C	100	7.8	61K4772	4.040	
● 1410516C	1	1.6	61K4773	2.490	
● 1415440C	150	4	61K4801	2.490	
● 1422311C	22	11	61K4858	2.490	
● 1422435C	220	3.5	61K4859	2.490	
● 1422455C	220	5.5	61K4861	4.040	
● 1422509C	2.2	0.9	61K4863	2.490	
● 1430430C	300	3	61K4888	2.490	
● 1433428C	330	2.8	61K4892	2.490	
● 1433445C	330	4.5	61K4894	4.040	
● 1447385C	47	8.5	61K4957	2.490	
● 1447423C	470	2.3	61K4959	2.490	
● 1447440C	470	4	61K4961	4.040	
● 1468362C	68	6.2	61K4970	2.490	
● 1468420C	680	2	61K4972	2.490	

(66173)

78253 SERIES MAX253 COMPATIBLE CONVERTER TRANSFORMERS



All dimensions in mm XX.XX ± 0.25mm. All pins on a 2.54mm pitch and within ± 0.25mm of true position.

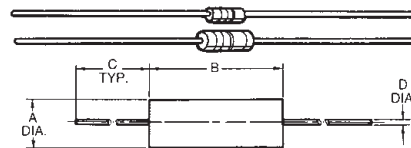
- Maxim Compatible
- 5V Version
- Isolation to 4kV
- Frequency Range to 500kHz
- Toroidal Construction
- Industry Standard Pinout
- UL 94V-0 Package Material
- Fully Encapsulated
- Low Profile
- Surface Mount Available

78253 series converter transformers are specifically designed for use with the MAX253 chip set to provide isolated power supplies. The 5V version can supply 1W. A center tapped secondary winding allows for full bridge, half bridge or voltage doubling. The surface mount devices are fully compatible with CECC00802 to 280°C which allows them to be placed and reflowed with IC's thus reducing time and cost in production.

Mfg. Part No.	Style	Input Voltage	Output Voltage	Output Current (mA)	Isolation Voltage	Stock No.	Price Each	
							1-9	10-24
● 78253/55C	DIP	5	5	200	1500	62K0990	2.660	
● 78253/55MC	SM	5	5	200	1500	62K0991	2.660	
● 78253/55VC	DIP	5	5	200	4000	62K0995	3.430	
● 78253/55MVC	SM	5	5	200	4000	62K0993	3.430	

(70360)

MFG. PART NO. IM-2, IM-4, IMS-5 MIL-C-15305 MOLDED INDUCTORS



Sturdy epoxy-molded inductors. Tolerance: ±10%. Operating temperature: -55°C to +105°C. Flame-retardant coating. mfg. part no. IMS-5 offers electromagnetic shielding.

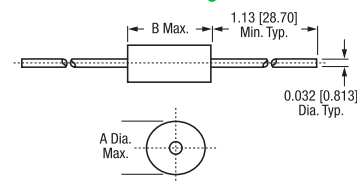
DIMENSIONS

Mfg. Part No.	A	B	C	D
IM-2	0.105 (2.67)	0.260 (6.60)	1.626 (41.30)	0.0215 (0.546)
IM-2	0.085 (2.16)	0.240 (6.10)	1.250 (31.75)	0.0185 (0.470)
IM-4	0.165 (4.19)	0.385 (9.78)	1.625 (41.28)	0.027 (0.686)
IM-4	0.145 (3.68)	0.365 (9.27)	1.250 (31.75)	0.023 (0.584)
IMS-5	0.162 ± 0.010	0.410 ± 0.020	1.438 ± 0.1881	0.025 ± 0.002

Mfg. Part No.	L (Induct.) (µH)	I _{DC} (mA)	Stock No.	Price Each		
				1-9	10-24	25+
● IM02EBR10K	0.1	1350	53K5263	0.624	0.424	0.392
● IM02EBR15K	0.15	1200	53K5264	0.624	0.424	0.392
● IM02EBR22K	0.22	1025	53K5265	0.624	0.424	0.392
● IM02EBR33K	0.33	815	53K5266	0.624	0.424	0.392
● IM02EBR47K	0.47	650	53K5267	0.624	0.424	0.392
● IM02EBR56K	0.56	545	53K5268	0.624	0.424	0.392
● IM02EBR68K	0.68	495	53K5269	0.624	0.424	0.392
● IM02EB1R0K	1	385	53K5270	0.430	0.292	0.270
● IM02EB1R2K	1.2	590	53K5271	0.753	0.511	0.473
● IM02EB1R5K	1.5	535	53K5272	0.753	0.511	0.473
● IM02EB1R8K	1.8	455	53K5273	0.753	0.511	0.473
● IM02EB2R2K	2.2	395	53K5279	0.753	0.511	0.473
● IM02EB2R7K	2.7	355	53K5280	0.753	0.511	0.473
● IM02EB3R3K	3.3	270	53K5283	0.753	0.511	0.473
● IM02EB4R7K	4.7	230	53K5287	0.753	0.511	0.473
● IM02EB5R6K	5.6	185	53K5290	0.753	0.511	0.473
● IM02EB6R8K	6.8	175	53K5292	0.527	0.358	0.331
● IM02EB8R2K	8.2	155	53K5293	0.753	0.511	0.473
● IM02EB100K	10	130	53K5274	0.753	0.511	0.473
● IM02EB150K	15	150	53K5277	0.527	0.358	0.331
● IM02EB180K	18	145	53K5278	0.753	0.511	0.473
● IM02EB220K	22	140	53K5281	0.753	0.511	0.473
● IM02EB330K	33	130	53K5284	0.570	0.387	0.358
● IM02EB390K	39	125	53K5286	0.570	0.387	0.358
● IM02EB470K	47	110	53K5288	0.570	0.387	0.358
● IM02EB560K	56	100	53K5291	0.570	0.387	0.358
● IM02EB101K	100	84	53K5275	0.660	0.449	0.415
● IM02EB221K	220	52	53K5282	0.660	0.449	0.415
● IM02EB331K	330	45	53K5285	0.712	0.484	0.447
● IM02EB471K	470	36	53K5289	0.712	0.484	0.447
● IM02EB102K	1000	28	53K5276	0.839	0.570	0.527
● IM04EB100K	10	290	53K5294	0.499	0.339	0.314
● IM04EB101J	100.0*	133	53K5295	0.542	0.368	0.341
● IMS05EB150K	15	315	53K5262	1.170	0.789	0.729
● IMS05EB102K	1000	70	53K5261	1.020	0.692	0.640

* ±5% tolerance (7299)

IHD SERIES HIGH CURRENT FILTER INDUCTORS



IHD series high current filter inductors feature printed mounting (axial leads). Protected by polyolefin tubing. High saturation bobbin allows high inductance with low DC resistance. Pre-tinned leads. High resistivity core offers very high parallel resistance, resulting in maximum coil performance. 20 sleeveless models available at reduced cost. Operating current rating based on +40°C temperature rise. Operating temperature: -55°C to +85°C at full rated current. Test Frequency: 1kHz

DIMENSIONS (mm)

Series	A (max.)	B (max.)	Lead Size
IHD-1	0.270" (6.85)	0.700" (17.78)	20AWG
IHD-3	0.460" (11.68)	0.900" (22.86)	20AWG

CONTINUED

INDUCTORS – AXIAL TERMINAL • INDUCTORS – RADIAL TERMINAL

IHD SERIES HIGH CURRENT FILTER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	D _{CR} Max. (Ω)	Rated I _{DC} (A)	Stock No.	Price Each	
					1-9	10-24
● IHD1EB1R0L	1	0.009	5.3	53K4729	3.650	3.010
● IHD1EB1R2L	1.2	0.01	5	53K4730	3.650	3.010
● IHD1EB1R5L	1.5	0.011	4.8	53K4731	3.650	3.010
● IHD1EB1R8L	1.8	0.012	4.6	53K4732	3.650	3.010
● IHD1EB2R2L	2.2	0.013	4.4	53K4749	3.650	3.010
● IHD1EB2R7L	2.7	0.014	4.2	53K4750	3.650	3.010
● IHD1EB3R3L	3.3	0.016	4	53K4757	3.650	3.010
● IHD1EB3R9L	3.9	0.017	3.8	53K4758	3.650	3.010
● IHD1EB4R7L	4.7	0.022	3.4	53K4765	3.650	3.010
● IHD1EB5R6L	5.6	0.024	3.2	53K4769	3.650	3.010
● IHD1EB6R8L	6.8	0.026	3.1	53K4773	3.650	3.010
● IHD1EB8R2L	8.2	0.028	3	53K4777	3.650	3.010
● IHD1EB100L	10	0.033	2.8	53K4733	3.650	3.010
● IHD1EB120L	12	0.037	2.6	53K4737	3.650	3.010
● IHD1EB150L	15	0.04	2.5	53K4741	3.650	3.010
● IHD1EB180L	18	0.044	2.4	53K4745	3.650	3.010
● IHD1EB220L	22	0.05	2.2	53K4751	3.650	3.010
● IHD1EB270L	27	0.07	1.9	53K4754	3.650	3.010
● IHD1EB330L	33	0.075	1.8	53K4759	4.030	3.330
● IHD1EB390L	39	0.084	1.7	53K4762	4.030	3.330
● IHD1EB470L	47	0.104	1.6	53K4766	4.030	3.330
● IHD1EB560L	56	0.13	1.4	53K4770	4.030	3.330
● IHD1EB680L	68	0.145	1.3	53K4774	4.030	3.330
● IHD1EB820L	82	0.152	1.3	53K4778	4.030	3.330
● IHD1EB101L	100	0.208	1.1	53K4734	4.030	3.330
● IHD1EB121L	120	0.283	0.94	53K4738	4.030	3.330
● IHD1EB151L	150	0.33	0.87	53K4742	4.030	3.330
● IHD1EB181L	180	0.362	0.83	53K4746	4.030	3.330
● IHD1EB221L	220	0.505	0.7	53K4752	4.030	3.330
● IHD1EB271L	270	0.557	0.67	53K4755	4.030	3.330
● IHD1EB331L	330	0.65	0.62	53K4760	4.030	3.330
● IHD1EB391L	390	0.77	0.57	53K4763	4.030	3.330
● IHD1EB471L	470	1.03	0.49	53K4767	4.510	3.720
● IHD1EB561L	560	1.14	0.47	53K4771	4.510	3.720
● IHD1EB681L	680	1.5	0.41	53K4775	4.510	3.720
● IHD1EB821L	820	1.98	0.36	53K4779	4.510	3.720
● IHD1EB102L	1000	2.3	0.33	53K4735	4.510	3.720
● IHD1EB122L	1200	2.55	0.31	53K4739	4.510	3.720
● IHD1EB152L	1500	3	0.29	53K4743	4.510	3.720
● IHD1EB182L	1800	4	0.25	53K4747	4.510	3.720
● IHD1EB222L	2200	4.4	0.24	53K4753	4.510	3.720
● IHD1EB272L	2700	5.8	0.21	53K4756	4.510	3.720
● IHD1EB332L	3300	6.56	0.2	53K4761	4.510	3.720
● IHD1EB392L	3900	8.63	0.17	53K4764	4.820	3.980
● IHD1EB472L	4700	10.1	0.16	53K4768	4.820	3.980
● IHD1EB562L	5600	11.2	0.15	53K4772	4.820	3.980
● IHD1EB682L	6800	15	0.13	53K4776	4.820	3.980
● IHD1EB822L	8200	20.8	0.11	53K4780	4.820	3.980
● IHD1EB103L	10000	23.4	0.1	53K4736	4.990	4.120
● IHD1EB123L	12000	26	0.1	53K4740	4.990	4.120
● IHD1EB153L	15000	36	0.08	53K4744	4.990	4.120
● IHD1EB183L	18000	40	0.08	53K4748	4.990	4.120
● IHD3EB3R9L	3.9	0.007	4	53K4806	2.410	1.990
● IHD3EB4R7L	4.7	0.008	4	53K4815	2.410	1.990
● IHD3EB5R6L	5.6	0.011	4	53K4820	2.410	1.990
● IHD3EB6R8L	6.8	0.011	4	53K4825	2.410	1.990
● IHD3EB8R2L	8.2	0.013	4	53K4830	2.410	1.990
● IHD3EB100L	10	0.016	4	53K4781	2.410	1.990
● IHD3EB120L	12	0.018	4	53K4786	2.410	1.990
● IHD3EB150L	15	0.02	4	53K4790	2.410	1.990
● IHD3EB180L	18	0.022	4	53K4794	2.410	1.990
● IHD3EB220L	22	0.024	4	53K4798	2.410	1.990
● IHD3EB270L	27	0.025	4	53K4802	2.410	1.990
● IHD3EB330L	33	0.028	4	53K4807	2.410	1.990
● IHD3EB390L	39	0.031	4	53K4811	2.410	1.990
● IHD3EB470L	47	0.034	4	53K4816	2.410	1.990
● IHD3EB560L	56	0.043	3.2	53K4821	2.410	1.990
● IHD3EB680L	68	0.059	2.5	53K4826	2.410	1.990
● IHD3EB820L	82	0.066	2	53K4831	1.860	1.540
● IHD3EB101L	100	0.084	1.6	53K4782	1.860	1.540
● IHD3EB121L	120	0.113	1.6	53K4787	1.860	1.540
● IHD3EB151L	150	0.129	1.6	53K4791	1.860	1.540
● IHD3EB181L	180	0.15	1.6	53K4795	1.860	1.540
● IHD3EB221L	220	0.162	1.6	53K4799	1.860	1.540

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IHD SERIES HIGH CURRENT FILTER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	D _{CR} Max. (Ω)	Rated I _{DC} (A)	Stock No.	Price Each	
					1-9	10-24
● IHD3EB271L	270	0.226	1.6	53K4803	1.860	1.540
● IHD3EB331L	330	0.257	1.6	53K4808	2.100	1.740
● IHD3EB391L	390	0.288	1.6	53K4812	2.100	1.740
● IHD3EB471L	470	0.393	1.2	53K4817	2.100	1.740
● IHD3EB561L	560	0.504	1	53K4822	2.100	1.740
● IHD3EB681L	680	0.57	1	53K4827	2.100	1.740
● IHD3EB821L	820	0.643	0.8	53K4832	2.100	1.740
● IHD3EB102L	1000	0.844	0.8	53K4783	2.100	1.740
● IHD3EB122L	1200	0.977	0.6	53K4788	2.100	1.740
● IHD3EB152L	1500	1.18	0.6	53K4792	2.100	1.740
● IHD3EB182L	1800	1.5	0.6	53K4796	2.100	1.740
● IHD3EB222L	2200	1.76	0.5	53K4800	2.100	1.740
● IHD3EB272L	2700	2.13	0.4	53K4804	2.100	1.740
● IHD3EB332L	3300	2.53	0.4	53K4809	2.100	1.740
● IHD3EB392L	3900	2.84	0.4	53K4813	2.310	1.910
● IHD3EB472L	4700	3.79	0.4	53K4818	2.310	1.910
● IHD3EB562L	5600	4.24	0.32	53K4823	2.310	1.910
● IHD3EB682L	6800	5.75	0.25	53K4828	2.310	1.910
● IHD3EB822L	8200	6.44	0.25	53K4833	2.310	1.910
● IHD3EB103L	10000	7.3	0.25	53K4784	2.520	2.080
● IHD3EB123L	12000	9.34	0.2	53K4789	2.520	2.080
● IHD3EB153L	15000	10.7	0.2	53K4793	2.520	2.080
● IHD3EB183L	18000	14.8	0.16	53K4797	2.520	2.080
● IHD3EB223L	22000	18	0.13	53K4801	2.520	2.080
● IHD3EB273L	27000	22.7	0.13	53K4805	2.520	2.080
● IHD3EB333L	33000	25.7	0.13	53K4810	2.520	2.080
● IHD3EB393L	39000	29.7	0.1	53K4814	2.640	2.180
● IHD3EB473L	47000	33.7	0.1	53K4819	2.640	2.180
● IHD3EB563L	56000	38	0.1	53K4824	2.640	2.180
● IHD3EB683L	68000	52.8	0.08	53K4829	2.640	2.180
● IHD3EB823L	82000	67.3	0.07	53K4834	2.640	2.180
● IHD3EB104L	100000	76	0.07	53K4785	2.640	2.180

(73324)

1100R SERIES RADIAL TERMINAL INDUCTORS

NEW TECHNOLOGY

RoHS Compliant Available

Murata Power Solutions

- Features**
- Compact size
 - Low DC resistance
 - Ideal for high density applications

- Specifications**
- Operating Temperature: -40°C to +85°C



Mfg. Part No.	Inductance		RDC (Ω)	IDC Max. (A)	Tape Cut	
	(µH)	Ind. Tol.			Stock No.	Price Each
● 11R102C	1	± 20%	0.02	3	46P8717	0.305
● 11R152C	1.5	± 20%	0.03	2.4	46P8720	0.305
● 11R222C	2.2	± 20%	0.05	1.9	46P8723	0.305
● 11R332C	3.3	± 20%	0.07	1.5	46P8726	0.305
● 11R472C	4.7	± 20%	0.09	1.3	46P8729	0.305
● 11R682C	6.8	± 20%	0.1	1.1	46P8732	0.305
● 11R103C	10	± 10%	0.14	0.95	46P8718	0.305
● 11R153C	15	± 10%	0.19	0.8	46P8721	0.305
● 11R223C	22	± 10%	0.27	0.65	46P8724	0.305
● 11R333C	33	± 10%	0.42	0.55	46P8727	0.305
● 11R473C	47	± 10%	0.54	0.5	46P8730	0.305
● 11R683C	68	± 10%	0.85	0.4	46P8733	0.305
● 11R104C	100	± 10%	1.1	0.35	46P8719	0.305
● 11R154C	150	± 10%	1.65	0.3	46P8722	0.305
● 11R224C	220	± 10%	2.4	0.24	46P8725	0.305
● 11R334C	330	± 10%	3.6	0.19	46P8728	0.305
● 11R474C	470	± 10%	6.4	0.14	46P8731	0.305

(147228)

INDUCTORS – RADIAL TERMINAL • CHOKES – RADIAL TERMINAL

1300R SERIES RADIAL TERMINAL INDUCTORS



Applications

- Low DC resistance
- Power supplies
- General purpose filtering designs

Specifications

- Operating Temperature: -40°C to +85°C

Mfg. Part No.	Inductance	Ind. Tol.	RDC (Ω)	IDC Max. (A)	Tape Cut	
					Stock No.	Price Each
● 13R152C	1.5 μH	± 20%	0.008	6.3	46P8742	0.592
● 13R222C	2.2 μH	± 20%	0.01	5.3	46P8747	0.592
● 13R332C	3.3 μH	± 20%	0.013	4.8	46P8752	0.592
● 13R472C	4.7 μH	± 20%	0.017	4.3	46P8757	0.592
● 13R682C	6.8 μH	± 20%	0.023	3.5	46P8762	0.592
● 13R103C	10 μH	± 10%	0.031	3	46P8738	0.592
● 13R153C	15 μH	± 10%	0.042	2.5	46P8743	0.592
● 13R223C	22 μH	± 10%	0.07	2	46P8748	0.592
● 13R333C	33 μH	± 10%	0.092	1.8	46P8753	0.592
● 13R473C	47 μH	± 10%	0.11	1.5	46P8758	0.592
● 13R683C	68 μH	± 10%	0.15	1.3	46P8763	0.592
● 13R104C	100 μH	± 10%	0.24	1	46P8739	0.592
● 13R154C	150 μH	± 10%	0.33	0.82	46P8744	0.592
● 13R224C	220 μH	± 10%	0.47	0.7	46P8749	0.592
● 13R334C	330 μH	± 10%	0.64	0.58	46P8754	0.592
● 13R474C	470 μH	± 10%	1.05	0.45	46P8759	0.592
● 13R684C	680 μH	± 10%	1.5	0.42	46P8764	0.592
● 13R105C	1 mH	± 10%	2.1	0.33	46P8740	0.592
● 13R155C	1.5 mH	± 10%	3.1	0.28	46P8745	0.592
● 13R225C	2.2 mH	± 10%	4.5	0.24	46P8750	0.592
● 13R335C	3.3 mH	± 10%	7	0.19	46P8755	0.592
● 13R475C	4.7 mH	± 10%	9.3	0.16	46P8760	0.592
● 13R685C	6.8 mH	± 10%	13.5	0.13	46P8765	0.592
● 13R106C	10 mH	± 10%	23.8	0.085	46P8741	0.592
● 13R156C	15 mH	± 10%	31	0.08	46P8746	0.592
● 13R226C	22 mH	± 10%	48	0.07	46P8751	0.592
● 13R336C	33 mH	± 10%	68	0.06	46P8756	0.592
● 13R476C	47 mH	± 10%	120	0.045	46P8761	0.592
● 13R686C	68 mH	± 10%	152	0.04	46P8766	0.592

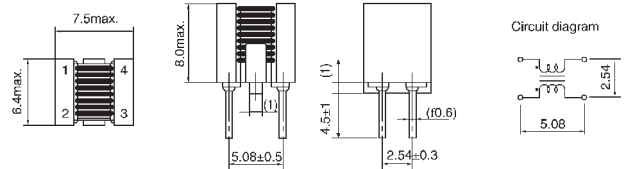
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2200R SERIES MINIATURE RADIAL TERMINAL INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (μH)	I _{Max} (A)	Stock No.	Price Each
● 22R476C	47	0.027	62K0510	0.845
● 22R683C	68	0.77	62K0511	0.592
● 22R684C	680	0.25	62K0512	0.592
● 22R686C	68	0.018	62K0514	0.845

(66176)

PCB MOUNTED FILTERS/CHOKES



Specifications

- Voltage rating: 50V
- Current rating: 500mA
- Operating temperature:
 - Differential mode chokes: 25°C to +85°C
 - Common mode chokes: 25°C to +70°C

Features a range of compact data line filters employing a high performance toroidal core. These common mode and differential mode chokes have a plastic carrier for ease of PCB mounting.

DIFFERENTIAL MODE

Mfg. Part No.	Inductance (μH)	Resistance (mΩ)	Operating Temp. Range (°C)		Stock No.	Price Each
			Min.	Max.		
● AS809535-100U	5.6	25	25	85	37K9139	0.500
● AS809535-200U	20	35	25	85	37K9140	0.500
● AS809535-560U	56	35	25	85	37K9141	0.500

COMMON MODE

● SBT-0140W	40	40	25	70	97K9436	1.020
● SBT-0180W	80	55	25	70	89K7261	1.020

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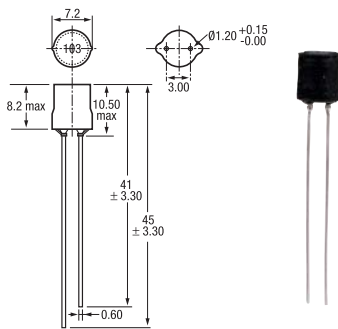
2200R SERIES MINIATURE RADIAL TERMINAL INDUCTORS



Features

- PC Board Mounting
- MIL-I-23053/5 Class I and II Slewing
- -25°C to 70°C Operating Free Air Temperature Range

General-purpose inductors are suitable for low- to medium-current applications. Their small footprint make them ideal for high-density applications.



All dimensions in mm xxx ± 0.50, xx.xx ± 0.25 Type 22R224

Mfg. Part No.	L (Induct.) (μH)	I _{Max} (A)	Stock No.	Price Each
● 22R103C	10	1.5	62K0491	0.592
● 22R104C	100	0.66	62K0492	0.592
● 22R105C	1	0.17	62K0493	0.592
● 22R154C	150	0.52	62K0496	0.592
● 22R155C	1.5	0.13	62K0497	0.592
● 22R156C	15	0.054	62K0498	0.845
● 22R223C	22	1	62K0499	0.592
● 22R224C	220	0.44	62K0500	0.592
● 22R225C	2.2	0.11	62K0501	0.592
● 22R226C	22	0.045	62K0502	0.845
● 22R333C	33	0.92	62K0503	0.592
● 22R334C	330	0.38	62K0504	0.592
● 22R335C	3.3	0.10	62K0505	0.592
● 22R336C	33	0.036	62K0506	0.845
● 22R473C	47	0.78	62K0507	0.592
● 22R474C	470	0.31	62K0508	0.592
● 22R475C	4.7	0.081	62K0509	0.592

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RL187 SERIES RADIAL TERMINAL RF CHOKES



A Bourns Company

Features

- High Q
- High reliability and efficiency
- Winding covered with shrink tubing

Applications

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

Specifications

- Operating temperature: -55°C to +105°C

Mfg. Part No.	L (Induct.) (μH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each
● RL187-101J-RC	100	80 @ 796 MHz	5.3	2.2	200	86K3298	0.940
● RL187-151J-RC	150	80 @ 796 MHz	3.8	2	200	86K3304	0.940
● RL187-151J-RC	150	80 @ 796 MHz	3.8	2	200	86K3304	0.940
● RL187-221J-RC	220	80 @ 796 MHz	2.9	3	200	86K3310	0.940
● RL187-331J-RC	330	80 @ 796 MHz	2.3	4	200	86K3316	0.940
● RL187-471J-RC	470	80 @ 796 MHz	1.9	4	200	86K3321	0.940
● RL187-102J-RC	1000	90 @ 252 MHz	1.3	6	150	86K3299	0.940
● RL187-152J-RC	1500	90 @ 252 MHz	1.1	9	150	86K3305	0.940
● RL187822J-RC	8200	90 @ 252 MHz	0.4	26	50	86K3328	0.940
● RL187-153J-RC	15000	100 @ 79.6 MHz	0.4	60	40	86K3306	0.940
● RL187-223J-RC	22000	100 @ 79.6 MHz	0.3	80	30	86K3312	0.940
● RL187-273J-RC	27000	100 @ 79.6 MHz	0.3	80	30	86K3315	0.940
● RL187-333J-RC	33000	100 @ 79.6 MHz	0.3	80	30	86K3318	0.940

(136529)



Current Order Status & History

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(148881)

CHOKES – RADIAL TERMINAL

RL262 SERIES RADIAL TERMINAL RF CHOKES



Features

- High Q
- High reliability and high efficiency
- Winding covered with shrink tubing

Applications

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

Specifications

- Operating temperature: -55°C to +105°C

Mfg. Part No.	L (Induct.) (µH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each
RL262-101J-RC	100	60 @ 796 MHz	6.1	2	200	86K3329	0.940
RL262-152J-RC	1522	80 @ 252 MHz	1.8	11	50	86K3336	0.940
RL262-822J-RC	8200	80 @ 252 MHz	0.6	45	30	86K3355	0.940
RL262-103J-RC	10000	60 @ 79.6 MHz	0.6	55	20	86K3331	0.940
RL262-153J-RC	15000	60 @ 79.6 MHz	0.5	80	20	86K3337	0.940

(136533)

RL622 SERIES RADIAL TERMINAL RF CHOKES



Features

- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability and efficiency
- Winding covered with shrink tubing

Applications

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

Specifications

- Operating temperature: -55°C to +105°C

Mfg. Part No.	L (Induct.) (µH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each
RL622-1R0K-RC	1	20 @ 7.96 MHz	150	0.013	10	86K3356	0.900
RL622-1R5K-RC	1.5	20 @ 7.96 MHz	130	0.016	8.5	86K3357	0.900
RL622-2R2K-RC	2.2	20 @ 7.96 MHz	100	0.021	6.5	86K3375	0.900
RL622-3R3K-RC	3.3	20 @ 7.96 MHz	79	0.025	5.5	86K3384	0.900
RL622-6R8K-RC	6.8	20 @ 7.96 MHz	29	0.035	3.7	86K3402	0.900
RL622-100K-RC	10	50 @ 2.52 MHz	14	0.045	3	86K3358	0.900
RL622-120K-RC	12	50 @ 2.52 MHz	13	0.05	2.7	86K3363	0.900
RL622-150K-RC	15	40 @ 2.52 MHz	12	0.056	2.3	86K3367	0.900
RL622-180K-RC	18	40 @ 2.52 MHz	11	0.061	2.2	86K3371	0.900
RL622-220K-RC	22	40 @ 2.52 MHz	9.2	0.07	2	86K3376	0.900
RL622-270K-RC	27	30 @ 2.52 MHz	8.5	0.08	1.7	86K3380	0.900
RL622-330K-RC	33	30 @ 2.52 MHz	7.8	0.09	1.6	86K3385	0.900
RL622-390K-RC	39	30 @ 2.52 MHz	6.9	0.1	1.5	86K3389	0.900
RL622-470K-RC	47	30 @ 2.52 MHz	6.5	0.16	1.4	86K3394	0.900
RL622-560K-RC	56	30 @ 2.52 MHz	5.4	0.18	1.3	86K3398	0.900
RL622-680K-RC	68	30 @ 2.52 MHz	4.9	0.21	1.2	86K3403	0.900
RL622-820K-RC	82	30 @ 2.52 MHz	4.1	0.23	1.1	86K3407	0.900
RL622-101K-RC	100	20 @ 7.96 MHz	3.7	0.28	0.91	86K3359	0.900
RL622-121K-RC	120	20 @ 7.96 MHz	3.4	0.32	0.84	86K3364	0.900
RL622-151K-RC	150	20 @ 7.96 MHz	3.2	0.37	0.75	86K3368	0.900
RL622-181K-RC	180	20 @ 7.96 MHz	2.8	0.58	0.69	86K3372	0.900
RL622-221K-RC	220	20 @ 7.96 MHz	2.7	0.65	0.64	86K3377	0.900
RL622-271K-RC	270	20 @ 7.96 MHz	2.4	0.75	0.57	86K3381	0.900
RL622-331K-RC	330	20 @ 7.96 MHz	2.3	0.85	0.54	86K3386	0.900
RL622-391K-RC	390	20 @ 7.96 MHz	2.1	1	0.48	86K3390	0.900
RL622-471K-RC	470	20 @ 7.96 MHz	1.9	1.1	0.46	86K3395	0.900
RL622-561K-RC	560	20 @ 7.96 MHz	1.8	1.4	0.41	86K3399	0.900
RL622-681K-RC	680	20 @ 7.96 MHz	1.6	1.6	0.38	86K3404	0.900
RL622-821K-RC	820	20 @ 7.96 MHz	1.5	1.8	0.35	86K3408	0.900
RL622-102K-RC	1000	50 @ 2.52 MHz	1.3	2.9	0.29	86K3360	0.900
RL622-222K-RC	2200	20 @ 0.252 MHz	0.9	6.8	0.08	86K3378	0.900
RL622-332K-RC	3300	20 @ 0.252 MHz	0.7	9	0.08	86K3387	0.900
RL622-472K-RC	4700	20 @ 0.252 MHz	0.5	16	0.05	86K3396	0.900
RL622-562K-RC	5600	20 @ 0.252 MHz	0.4	18	0.05	86K3400	0.900
RL622-103K-RC	10000	40 @ 0.079 MHz	0.3	25	0.05	86K3361	0.900
RL622-223K-RC	22000	20 @ 0.079 MHz	0.1	56	0.03	86K3379	0.900
RL622-333K-RC	33000	30 @ 0.079 MHz	0.1	70	0.03	86K3388	0.900
RL622-393K-RC	39000	30 @ 0.079 MHz	0.1	80	0.03	86K3392	0.900
RL622-473K-RC	47000	20 @ 0.079 MHz	0.1	99	0.03	86K3397	0.900
RL622-563K-RC	56000	20 @ 0.079 MHz	0.1	135	0.02	86K3401	0.900
RL622-683K-RC	68000	20 @ 0.079 MHz	0.1	150	0.02	86K3406	0.900
RL622-823K-RC	82000	20 @ 0.079 MHz	0.1	212	0.02	86K3410	0.900
RL622-104K-RC	100000	20 @ 0.025 MHz	0.1	235	0.02	86K3362	0.900

(136508)

RL822 SERIES RADIAL TERMINAL RF CHOKES



Features

- High current capacity
- Ferrite bobbin core
- Low core loss
- High reliability, high efficiency
- Winding covered with shrink tubing

Applications

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

Specifications

- Operating temperature: -55°C to +105°C

Mfg. Part No.	L (Induct.) (µH)	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Stock No.	Price Each
RL822-1R0K-RC	1.0	150	0.013	3.71	86K3411	0.940
RL822-4R7K-RC	4.7	51	0.03	2.27	86K3432	0.940
RL822-100K-RC	10	14	0.045	1.96	86K3413	0.940
RL822-220K-RC	22	9.2	0.07	1.29	86K3423	0.940
RL822-470K-RC	47	6.5	0.17	0.79	86K3433	0.940
RL822-101K-RC	100	3.7	0.28	0.58	86K3414	0.940
RL822-471K-RC	470	1.9	1.37	0.25	86K3434	0.940
RL822-681K-RC	680	1.6	2	0.21	86K3439	0.940
RL822-102KRC	1000	1.3	2.96	0.16	86K3415	0.940

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79F SERIES AXIAL TERMINAL RF CHOKES



Specifications

- Operating Temperature: -55°C to +105°C
- Temperature Rise 35 °C
- Dielectric strength: 500 VRMS

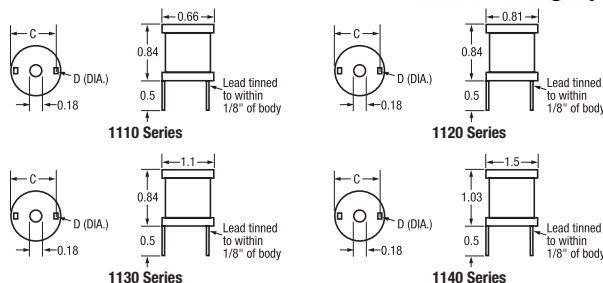
Applications

- DC/DC converters
- Power supplies
- General use

Mfg. Part No.	Inductance		Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (mA)	Tape Cut	
	(µH)	Ind. Tol.						Stock No.	Price Each
79FR10M-RC	0.1	±20%	35	25	300	0.18	700	86K7736	0.240
79FR22M-RC	0.22	±20%	35	25	150	0.4	400	86K7744	0.240
79FR47M-RC	0.47	±20%	35	25	150	0.56	330	86K7752	0.240
79FR68M-RC	0.68	±20%	35	25	150	0.69	310	86K7756	0.240
79F1R0K-RC	1	±10%	35	25	150	0.8	270	86K7760	0.240
79F1R2K-RC	1.2	±10%	40	7.9	110	0.9	260	86K7762	0.240
79F1R5K-RC	1.5	±10%	40	7.9	70	1	250	86K7764	0.240
79F1R8K-RC	1.8	±10%	40	7.9	60	1	240	86K7766	0.240
79F4R7K-RC	4.7	±10%	40	7.9	30	1.7	190	86K7808	0.240
79F150K-RC	15	±10%	40	2.5	18	2.8	145	86K7776	0.240
79F220K-RC	22	±10%	40	2.5	16	3.4	100	86K7788	0.240
79F270K-RC	27	±10%	40	2.5	14	4.3	80	86K7792	0.240
79F390K-RC	39	±10%	40	2.5	13	5.2	74	86K7804	0.240
79F470K-RC	47	±10%	40	2.5	12	5.8	70	86K7810	0.240
79F560K-RC	56	±10%	40	2.5	11	6.4	68	86K7815	0.240
79F101K-RC	100	±10%	40	2.5	9	12	44	86K7770	0.240
79F221K-RC	220	±10%	40	0.79	5	20	35	86K7790	0.240

(136925)

1100 SERIES HIGH-CURRENT RF CHOKES



1100 series RF chokes have very high current capacity, low resistance. 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_{VMS} terminal to shrink tube cover; 1000_{VMS} terminal to core. Rated current to cause 50°C max. temperature rise and 5% max. inductance drop. Operating temperature: -55°C to +105°C. Test frequency: 1kHz.

1110 SERIES; ±20% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (Ω)	I _{DC} (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	Price Each
1110-1R0M-RC	1	0.003	9	0.55	0.051	63K3243	1.660
1110-1R2M-RC	1.2	0.003	9	0.55	0.051	63K3244	1.660

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CHOKES – RADIAL TERMINAL

1100 SERIES HIGH-CURRENT RF CHOKES (CONT.)

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (Ω)	I _{DC} (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	Price Each	
							1-9	10-24
● 1110-1R5M-RC	1.5	0.004	9	0.55	0.051	63K3245	2.210	1.660
● 1110-1R8M-RC	1.8	0.004	9	0.55	0.051	63K3246	2.210	1.660
● 1110-2R2M-RC	2.2	0.005	9	0.55	0.051	63K3255	2.210	1.660
● 1110-2R7M-RC	2.7	0.005	9	0.55	0.051	63K3256	2.210	1.660
● 1110-3R3M-RC	3.3	0.005	9	0.55	0.051	63K3261	2.630	1.980
● 1110-3R9M-RC	3.9	0.006	9	0.55	0.051	63K3262	2.210	1.660
● 1110-4R7M-RC	4.7	0.007	9	0.55	0.051	63K3266	2.210	1.660
● 1110-5R6M-RC	5.6	0.007	9	0.55	0.051	63K3269	2.210	1.660
● 1110-6R8M-RC	6.8	0.008	9	0.55	0.051	63K3272	2.630	1.980
● 1110-8R2M-RC	8.2	0.009	9	0.55	0.051	63K3274	2.210	1.660

1110 SERIES; ±10% TOLERANCE

● 1110-100K-RC	10	0.010	9	0.55	0.051	63K3247	2.630	1.980
● 1110-120K-RC	12	0.011	9	0.55	0.051	63K3249	2.630	1.980
● 1110-150K-RC	15	0.015	7.2	0.53	0.045	63K3251	2.210	1.660
● 1110-180K-RC	18	0.016	7.2	0.53	0.045	63K3253	2.210	1.660
● 1110-220K-RC	22	0.020	5.5	0.53	0.045	63K3257	2.630	1.980
● 1110-270K-RC	27	0.030	4.5	0.53	0.040	63K3259	2.210	1.660
● 1110-330K-RC	33	0.040	4	0.53	0.040	63K3263	2.630	1.980
● 1110-390K-RC	39	0.046	4	0.53	0.040	63K3264	2.210	1.660
● 1110-470K-RC	47	0.062	2.8	0.53	0.036	63K3267	2.630	1.980
● 1110-560K-RC	56	0.069	2.8	0.53	0.036	63K3270	2.210	1.660
● 1110-680K-RC	68	0.077	2.8	0.50	0.032	63K3273	2.210	1.660
● 1110-820K-RC	82	0.083	2.8	0.50	0.032	63K3275	2.630	1.980
● 1110-101K-RC	100	0.095	2.8	0.50	0.032	63K3248	2.630	1.980
● 1110-121K-RC	120	0.127	2	0.50	0.029	63K3250	2.210	1.660
● 1110-151K-RC	150	0.181	1.6	0.50	0.029	63K3252	2.210	1.660
● 1110-181K-RC	180	0.217	1.6	0.50	0.025	63K3254	2.210	1.660
● 1110-221K-RC	220	0.240	1.6	0.50	0.025	63K3258	2.630	1.980
● 1110-271K-RC	270	0.300	1.6	0.47	0.020	63K3260	2.210	1.660
● 1110-331K-RC	330	0.336	1.3	0.47	0.020	52K7991	2.210	1.660
● 1110-391K-RC	390	0.460	1	0.47	0.020	63K3265	2.630	1.980
● 1110-471K-RC	470	0.636	0.8	0.47	0.020	63K3268	2.210	1.660
● 1110-561K-RC	560	0.696	0.8	0.47	0.020	63K3271	2.210	1.660

1120 SERIES; ±20% TOLERANCE

● 1120-1R0M-RC	1	0.003	11.4	0.63	0.072	63K3276	3.600	3.330
● 1120-1R2M-RC	1.2	0.003	11.4	0.63	0.072	63K3277	3.300	2.470
● 1120-1R5M-RC	1.5	0.003	11.4	0.63	0.072	63K3278	3.300	2.470
● 1120-1R8M-RC	1.8	0.003	11.4	0.63	0.072	63K3279	3.300	2.470
● 1120-2R2M-RC	2.2	0.004	11.4	0.63	0.072	63K3291	3.440	2.570
● 1120-2R7M-RC	2.7	0.005	11.4	0.63	0.064	63K3292	3.440	2.570
● 1120-3R3M-RC	3.3	0.005	11.4	0.63	0.064	63K3298	3.820	2.860
● 1120-3R9M-RC	3.9	0.005	11.4	0.63	0.064	63K3299	3.440	2.570
● 1120-4R7M-RC	4.7	0.005	11.4	0.63	0.064	63K3304	3.440	2.570
● 1120-5R6M-RC	5.6	0.006	11.4	0.63	0.064	63K3307	3.440	2.570
● 1120-6R8M-RC	6.8	0.007	11.4	0.63	0.064	63K3310	3.440	2.570
● 1120-8R2M-RC	8.2	0.007	11.4	0.63	0.064	63K3313	3.440	2.570

1120 SERIES; ±10% TOLERANCE

● 1120-100K-RC	10	0.009	11.4	0.63	0.064	63K3280	3.440	2.570
● 1120-150K-RC	15	0.013	9	0.63	0.057	63K3285	3.300	2.470
● 1120-180K-RC	18	0.018	7.2	0.63	0.051	63K3288	3.300	2.470
● 1120-220K-RC	22	0.019	7.2	0.63	0.051	63K3293	3.440	2.570
● 1120-270K-RC	27	0.026	5.5	0.63	0.051	63K3296	3.440	2.570
● 1120-330K-RC	33	0.029	5.5	0.60	0.045	63K3300	3.440	2.570
● 1120-390K-RC	39	0.030	5.5	0.60	0.045	63K3302	3.440	2.570
● 1120-470K-RC	47	0.035	5.5	0.62	0.045	63K3305	3.440	2.570
● 1120-560K-RC	56	0.039	5.5	0.62	0.040	63K3308	3.440	2.570
● 1120-680K-RC	68	0.053	4.8	0.62	0.040	63K3311	3.440	2.570
● 1120-820K-RC	82	0.060	4.8	0.62	0.040	63K3314	3.440	2.570
● 1120-101K-RC	100	0.080	4	0.62	0.036	63K3281	3.440	2.570
● 1120-121K-RC	120	0.090	4	0.62	0.036	63K3283	3.820	2.860
● 1120-151K-RC	150	0.098	4	0.62	0.032	63K3286	3.820	2.860
● 1120-181K-RC	180	0.110	4	0.62	0.032	63K3289	3.820	2.860
● 1120-221K-RC	220	0.150	2.8	0.62	0.032	63K3294	3.440	2.570
● 1120-271K-RC	270	0.213	2	0.60	0.029	63K3297	3.440	2.570
● 1120-331K-RC	330	0.305	1.6	0.60	0.029	63K3301	3.440	2.570
● 1120-391K-RC	390	0.320	1.6	0.60	0.025	63K3303	3.440	2.570
● 1120-471K-RC	470	0.355	1.6	0.60	0.025	63K3306	3.440	2.570
● 1120-561K-RC	560	0.388	1.6	0.60	0.025	63K3309	3.440	2.570
● 1120-681K-RC	680	0.430	1.6	0.60	0.025	63K3312	3.440	2.570
● 1120-821K-RC	820	0.590	1.3	0.60	0.023	63K3315	3.440	2.570
● 1120-102K-RC	1000	0.009	1	0.60	0.020	63K3282	5.520	4.130
● 1120-122K-RC	1200	1.14	0.8	0.60	0.020	63K3284	3.820	2.860
● 1120-152K-RC	1500	1.26	0.8	0.60	0.020	63K3287	3.820	2.860

▶ CONTINUED ▶

1100 SERIES HIGH-CURRENT RF CHOKES (CONT.)

1120 SERIES; ±10% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (Ω)	I _{DC} (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	Price Each	
							1-9	10-24
● 1120-182K-RC	1800	1.39	0.8	0.60	0.018	63K3290	3.300	2.470
● 1120-222K-RC	2200	1.54	0.8	0.60	0.018	63K3295	3.440	2.570

1130 SERIES; ±20% TOLERANCE

● 1130-1R0M-RC	1	0.003	21	0.80	0.081	63K3316	6.320	4.760
● 1130-1R2M-RC	1.2	0.003	21	0.80	0.081	63K3317	6.320	4.760
● 1130-1R5M-RC	1.5	0.003	21	0.80	0.081	63K3318	6.320	4.760
● 1130-1R8M-RC	1.8	0.003	21	0.80	0.081	63K3319	6.320	4.760
● 1130-2R2M-RC	2.2	0.003	21	0.80	0.081	63K3332	6.320	4.760
● 1130-2R7M-RC	2.7	0.003	21	0.80	0.081	63K3333	6.320	4.760
● 1130-3R3M-RC	3.3	0.003	21	0.80	0.081	63K3341	6.320	4.760
● 1130-3R9M-RC	3.9	0.003	21	0.80	0.081	63K3342	6.320	4.760
● 1130-4R7M-RC	4.7	0.003	21	0.80	0.081	63K3349	6.320	4.760
● 1130-5R6M-RC	5.6	0.003	21	0.82	0.081	63K3353	6.930	5.220
● 1130-6R8M-RC	6.8	0.004	21	0.82	0.081	63K3356	6.320	4.760
● 1130-8R2M-RC	8.2	0.004	21	0.82	0.081	63K3359	6.320	4.760

1130 SERIES; ±10% TOLERANCE

● 1130-100K-RC	10	0.006	17	0.82	0.081	63K3320	6.930	5.220
● 1130-120K-RC	12	0.008	13.5	0.80	0.072	63K3323	6.320	4.760
● 1130-150K-RC	15	0.009	13.5	0.80	0.072	63K3326	6.320	4.760
● 1130-180K-RC	18	0.010	13.5	0.80	0.072	63K3329	6.320	4.760
● 1130-220K-RC	22	0.011	13.5	0.79	0.064	63K3334	6.320	4.760
● 1130-270K-RC	27	0.012	13.5	0.79	0.064	63K3338	6.320	4.760
● 1130-330K-RC	33	0.017	13.5	0.79	0.064	63K3343	6.320	4.760
● 1130-390K-RC	39	0.022	11.4	0.79	0.057	63K3346	6.320	4.760
● 1130-470K-RC	47	0.024	9	0.79	0.057	63K3350	6.320	4.760
● 1130-560K-RC	56	0.026	9	0.79	0.057	63K3354	6.320	4.760
● 1130-680K-RC	68	0.029	9	0.79	0.057	63K3357	6.320	4.760
● 1130-820K-RC	82	0.032	9	0.79	0.051	63K3360	6.930	5.220
● 1130-101K-RC	100	0.034	9	0.79	0.051	63K3321	6.930	5.220
● 1130-121K-RC	120	0.046	7.2	0.79	0.051	63K3324	6.320	4.760
● 1130-151K-RC	150	0.064	5.5	0.77	0.045	63K3327	6.870	5.180
● 1130-181K-RC	180	0.072	5.5	0.77	0.045	63K3330	6.930	5.220
● 1130-221K-RC	220	0.080	5.5	0.77	0.040	63K3335	6.930	5.220
● 1130-271K-RC	270	0.110	4.5	0.77	0.040	63K3339	6.930	5.220
● 1130-331K-RC	330	0.122	4.5	0.77	0.040	63K3344	6.930	5.220
● 1130-391K-RC	390	0.169	4	0.77	0.036	63K3347	6.320	4.760
● 1130-471K-RC	470	0.187	4	0.77	0.036	63K3351	6.320	4.760
● 1130-561K-RC	560	0.205	4	0.77	0.032	63K3355	6.930	5.220
● 1130-681K-RC	680	0.256	2.8	0.77	0.032	63K3358	6.930	5.220
● 1130-821K-RC	820	0.288	2.8	0.77	0.032	63K3361	6.320	4.760
● 1130-102K-RC	1000	0.426	2	0.75	0.029	63K3322	6.930	5.220
● 1130-122K-RC	1200	0.426	2	0.75	0.029	63K3325	6.320	4.760
● 1130-152K-RC	1500	0.518	2	0.75	0.025	63K3328	6.930	5.220
● 1130-182K-RC	1800	0.705	1.6	0.75	0.025	63K3331	6.320	4.7

CHOKES – RADIAL TERMINAL • CHOKES – AXIAL TERMINAL

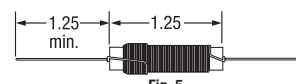
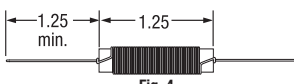
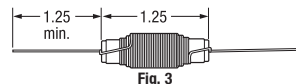
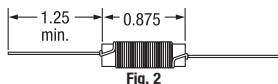
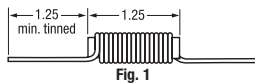
1100 SERIES HIGH-CURRENT RF CHOKES (CONT.)

1140 SERIES; ±10% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (Ω)	I _{DC} (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	Price Each		
							1-9	10-24	
● 1140-101K-RC	100	0.025	14.4	1.15	0.064	63K3364	7.990	7.100	
● 1140-121K-RC	120	0.028	14.4	1.15	0.057	63K3368	7.990	7.100	
● 1140-151K-RC	150	0.040	11.4	1.15	0.057	63K3372	7.990	7.100	
● 1140-181K-RC	180	0.045	11.4	1.15	0.057	63K3376	7.990	7.100	
● 1140-221K-RC	220	0.050	11.4	1.15	0.051	63K3381	7.990	7.100	
● 1140-271K-RC	270	0.056	11.4	1.15	0.051	63K3384	7.990	7.100	
● 1140-331K-RC	330	0.074	11.4	1.15	0.051	63K3389	7.990	7.100	
● 1140-391K-RC	390	0.082	9	1.15	0.045	63K3392	7.990	7.100	
● 1140-471K-RC	470	0.114	7.2	1.15	0.045	63K3396	7.990	7.100	
● 1140-561K-RC	560	0.125	7.2	1.15	0.040	63K3400	7.990	7.100	
● 1140-681K-RC	680	0.139	7.2	1.15	0.040	63K3404	7.990	7.100	
● 1140-821K-RC	820	0.154	7.2	1.15	0.040	63K3407	7.990	7.100	
● 1140-102K-RC	1000	0.216	5.5	1.15	0.040	63K3365	7.990	7.100	
● 1140-122K-RC	1200	0.232	5.5	1.14	0.036	63K3369	7.990	7.100	
● 1140-152K-RC	1500	0.324	4.5	1.14	0.036	63K3373	7.990	7.100	
● 1140-182K-RC	1800	0.360	4.5	1.14	0.036	63K3377	7.990	7.100	
● 1140-222K-RC	2200	0.494	4	1.10	0.032	63K3382	7.990	7.100	
● 1140-272K-RC	2700	0.555	4	1.12	0.032	63K3385	7.990	7.100	
● 1140-332K-RC	3300	0.773	2.8	1.10	0.029	63K3390	7.990	7.100	
● 1140-392K-RC	3900	0.845	2.8	1.10	0.029	63K3393	7.990	7.100	
● 1140-472K-RC	4700	1.14	2	1.12	0.029	63K3397	7.990	7.100	
● 1140-562K-RC	5600	1.60	2	1.09	0.025	63K3401	7.990	7.100	
● 1140-103K-RC	10,000	2.76	1.3	1.11	0.023	63K3366	7.990	7.100	
● 1140-123K-RC	12,000	3.04	1.3	1.08	0.020	63K3370	7.990	7.100	
● 1140-153K-RC	15,000	3.39	1.3	1.10	0.020	63K3374	7.990	7.100	

(72676)

5200 SERIES HASH CHOKES

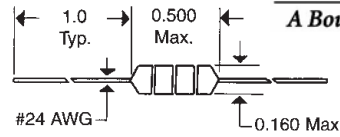


- Low-Cost, Low-DCR
- High-Current Capacity
- Varnish-Coated
- Operating Temperature: -55°C to +105°C
- Ideal for Use as EMI, Output Choke, Smoothing Coil
- Current to Cause 10% Max. Inductance Drop or 35°C Max. Temperature Rise
- Tolerance: ±20%

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (mΩ)	I _{Max} (A)	Test Freq.	Coil Dia. Max. (in.)	Fig.	Stock No.	Price Each		
								1-9	10-24	25-49
● 5218-RC	3.35	10	20	7.96MHz	0.6	1	63K2756	3.610	2.590	2.060
● 5219-RC	4.9	16	15	7.96MHz	0.6	1	63K2757	3.610	2.590	2.060
● 5220-RC	8.8	21	10	7.96MHz	0.56	1	63K2758	3.610	2.590	2.060
● 5230-RC	4	12	8	7.96MHz	0.38	2	63K2759	1.890	1.350	1.080
● 5240-RC	40	82	3	1 KHz	0.31	4	63K2760	1.890	1.350	1.080
● 5248-RC	68	54	5	1 KHz	0.56	3	63K2761	1.890	1.350	1.080
● 5250-RC	100	216	2	1 KHz	0.38	5	63K2762	1.890	1.350	1.080
● 5252-RC	125	80	3.5	1 KHz	0.5	3	63K2763	1.890	1.350	1.080
● 5254-RC	250	170	2.5	1 KHz	0.44	3	63K2764	1.890	1.350	1.080
● 5256-RC	500	260	2	1 KHz	0.56	3	63K2765	1.890	1.350	1.080
● 5258-RC	1000	550	1	1 KHz	0.5	3	63K2766	1.890	1.350	1.080

(33798)

5300 SERIES MINIATURE HIGH-CURRENT RF CHOKES



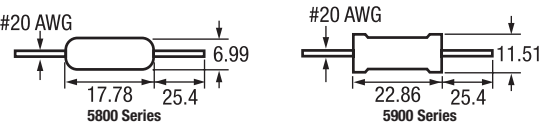
A low-cost filter used with DC, 60Hz and 400Hz lines from conducted and radiated RF. For EMI filter and switching power supply applications. Epoxy conformal coating. Operating temperature: -55°C to +105°C. Dielectric strength: 500 V_{RMS}. Tolerance: ±10%

RoHS COMPLIANT

Mfg. Part No.	L (Induct.) (µH)	DCR Max. (Ω)	I _{Max} (mA)	Stock No.	Price Each	
					1-9	10-24
● 5300-01-RC	1	0.018	3300	86K7370	1.860	1.750
● 5300-03-RC	1.5	0.02	3100	63K3772	1.860	1.750
● 5300-10-RC	5.6	0.074	1600	63K3773	1.860	1.750
● 5300-13-RC	10	0.095	1500	63K3774	1.860	1.750
● 5300-17-RC	22	0.19	1000	63K3775	1.860	1.750
● 5300-19-RC	33	0.24	910	63K3776	1.860	1.750
● 5300-25-RC	100	0.67	550	63K3777	1.860	1.750
● 5300-27-RC	150	1.2	410	86K7390	1.030	0.799
● 5300-33-RC	470	3.4	240	63K3778	1.860	1.750
● 5300-37-RC	1000	7.9	160	86K7399	1.030	0.799

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5800 AND 5900 SERIES HIGH-CURRENT RF CHOKES



Used to filter DC, 60Hz and 400Hz lines from conducted and radiated RF. For EMI filter and switching power supply applications. Operating temperature: -55°C to +105°C. Tolerance: ±10%

5800 SERIES

Mfg. Part No.	L (Induct.) (µH)	R _{Max} (Ω)	Current (A)		Stock No.	Price Each	
			Saturated	Rated		1-9	10-24
● 5800-39R-RC	3.90	0.019	7.3	1.28	63K3832	1.610	1.210
● 5800-4R7-RC	4.70	0.022	6.3	1.28	63K3839	1.610	1.210
● 5800-5R6-RC	5.60	0.024	5.6	1.28	63K3842	1.610	1.210
● 5800-6R8-RC	6.80	0.026	5.3	1.28	63K3846	1.610	1.210
● 5800-8R2-RC	8.20	0.028	4.5	1.28	63K3850	1.610	1.210
● 5800-10R-RC	10	0.033	4.1	1.28	63K3810	1.610	1.210
● 5800-12R-RC	12	0.037	3.6	1.28	63K3814	1.610	1.210
● 5800-15R-RC	15	0.04	3.3	1.28	63K3818	1.610	1.210
● 5800-18R-RC	18	0.044	3	1.28	63K3822	1.610	1.210
● 5800-22R-RC	22	0.05	2.7	1.28	63K3826	1.610	1.210
● 5800-27R-RC	27	0.058	2.5	1.28	63K3829	1.610	1.210
● 5800-33R-RC	33	0.075	2.2	1.008	63K3833	1.610	1.210
● 5800-39R-RC	39	0.094	2	0.804	63K3836	1.610	1.210
● 5800-47R-RC	47	0.109	1.8	0.804	63K3840	1.610	1.210
● 5800-56R-RC	56	0.14	1.7	0.804	63K3843	1.610	1.210
● 5800-68R-RC	68	0.145	1.5	0.804	63K3847	1.610	1.210
● 5800-82R-RC	82	0.152	1.4	0.804	63K3851	1.610	1.210
● 5800-101-RC	100	0.208	1.2	0.632	63K3811	1.610	1.210
● 5800-121-RC	120	0.283	1.1	0.508	63K3815	1.610	1.210
● 5800-151-RC	150	0.34	1	0.508	63K3819	1.610	1.210
● 5800-181-RC	180	0.362	0.95	0.508	63K3823	1.610	1.210
● 5800-221-RC	220	0.43	0.86	0.508	63K3827	1.610	1.210
● 5800-271-RC	270	0.557	0.77	0.4	63K3830	1.610	1.210
● 5800-331-RC	330	0.665	0.7	0.4	63K3834	1.610	1.210
● 5800-391-RC	390	0.772	0.64	0.4	63K3837	1.610	1.210
● 5800-471-RC	470	1.15	0.59	0.315	57K2530	1.610	1.210
● 5800-561-RC	560	1.27	0.54	0.315	63K3844	1.610	1.210
● 5800-681-RC	680	1.61	0.49	0.25	63K3848	1.610	1.210
● 5800-821-RC	820	1.96	0.44	0.2	63K3852	1.610	1.210
● 5800-102-RC	1000	2.3	0.4	0.2	63K3812	1.610	1.210
● 5800-122-RC	1200	2.65	0.35	0.2	63K3816	1.610	1.210
● 5800-152-RC	1500	3.45	0.33	0.158	63K3820	1.610	1.210
● 5800-182-RC	1800	4.03	0.29	0.158	63K3824	1.610	1.210
● 5800-222-RC	2200	4.48	0.27	0.158	63K3828	1.610	1.210
● 5800-272-RC	2700	5.9	0.24	0.125	63K3831	1.610	1.210

▶ CONTINUED ▶

CHOKES – AXIAL TERMINAL

5800 AND 5900 SERIES HIGH-CURRENT RF CHOKES (CONT.)

Mfg. Part No.	L (Induct.) (µH)	R _{max} (Ω)	Current (A)		Stock No.	Price Each	
			Saturated	Rated		1-9	10-24
● 5800-332-RC	3300	6.56	0.22	0.125	63K3835	1.610	1.210
● 5800-392-RC	3900	8.63	0.2	0.1	63K3838	1.610	1.210
● 5800-472-RC	4700	10.5	0.18	0.1	63K3841	1.610	1.210
● 5800-562-RC	5600	13.9	0.166	0.082	63K3845	1.610	1.210
● 5800-682-RC	6800	16.3	0.151	0.082	63K3849	1.610	1.210
● 5800-822-RC	8200	20.8	0.136	0.065	63K3853	1.610	1.210
● 5800-103-RC	10000	26.4	0.125	0.05	63K3813	1.610	1.210
● 5800-123-RC	12000	29.9	0.114	0.05	63K3817	1.610	1.210
● 5800-153-RC	15000	42.5	0.098	0.039	63K3821	1.610	1.210
● 5800-183-RC	18000	48.3	0.091	0.039	63K3825	1.610	1.210

RoHS COMPLIANT — 5900 SERIES

● 5900-3R9-RC	3.90	0.007	15.5	4	63K3879	2.480	1.780
● 5900-4R7-RC	4.70	0.008	13.9	4	63K3888	2.480	1.780
● 5900-5R6-RC	5.60	0.011	12.6	4	63K3893	2.480	1.780
● 5900-6R8-RC	6.80	0.011	11.6	4	63K3898	2.480	1.780
● 5900-8R2-RC	8.20	0.013	9.89	4	63K3903	2.480	1.780
● 5900-100-RC	10	0.017	8.7	4	63K3854	2.480	1.780
● 5900-120-RC	12	0.019	8.21	4	63K3859	2.480	1.780
● 5900-150-RC	15	0.022	7.34	4	63K3863	2.480	1.780
● 5900-180-RC	18	0.023	6.64	4	63K3867	2.480	1.780
● 5900-220-RC	22	0.026	6.07	4	63K3871	2.480	1.770
● 5900-270-RC	27	0.027	5.36	4	63K3875	2.480	1.780
● 5900-330-RC	33	0.032	4.82	4	63K3880	2.480	1.780
● 5900-390-RC	39	0.033	4.36	4	63K3884	2.480	1.780
● 5900-470-RC	47	0.035	3.98	4	63K3889	2.480	1.780
● 5900-560-RC	56	0.037	3.66	3.2	63K3894	2.480	1.780
● 5900-680-RC	68	0.047	3.31	2.5	63K3899	2.480	1.780
● 5900-820-RC	82	0.06	3.1	2	63K3904	2.480	1.780
● 5900-101-RC	100	0.09	2.79	1.6	63K3855	2.480	1.780
● 5900-121-RC	120	0.113	2.54	1.6	63K3860	2.480	1.780
● 5900-151-RC	150	0.129	2.22	1.6	63K3864	2.480	1.780
● 5900-181-RC	180	0.15	1.98	1.6	63K3868	2.480	1.780
● 5900-221-RC	220	0.162	1.89	1.6	63K3872	2.480	1.780
● 5900-271-RC	270	0.208	1.63	1.6	63K3876	2.480	1.780
● 5900-331-RC	330	0.212	1.51	1.6	63K3881	2.480	1.780
● 5900-391-RC	390	0.281	1.39	1.6	63K3885	2.480	1.780
● 5900-471-RC	470	0.38	1.24	1.2	63K3890	2.480	1.780
● 5900-561-RC	560	0.42	1.17	1	63K3895	2.480	1.780
● 5900-681-RC	680	0.548	1.05	1	63K3900	2.480	1.770
● 5900-821-RC	820	0.655	0.97	0.8	63K3905	2.480	1.780
● 5900-102-RC	1000	0.844	0.87	0.8	63K3856	2.480	1.780
● 5900-122-RC	1200	1.04	0.79	0.6	63K3861	2.480	1.780
● 5900-152-RC	1500	1.18	0.7	0.6	63K3865	2.480	1.770
● 5900-182-RC	1800	1.56	0.64	0.6	63K3869	2.480	1.780
● 5900-222-RC	2200	2	0.58	0.5	63K3873	2.480	1.780
● 5900-272-RC	2700	2.06	0.53	0.4	63K3877	2.480	1.780
● 5900-332-RC	3300	2.53	0.47	0.4	63K3882	2.480	1.780
● 5900-392-RC	3900	2.75	0.43	0.4	63K3886	2.480	1.780
● 5900-472-RC	4700	3.19	0.39	0.4	63K3891	2.480	1.780
● 5900-562-RC	5600	3.92	0.359	0.315	63K3896	2.480	1.780
● 5900-682-RC	6800	5.69	0.322	0.25	63K3901	2.480	1.770
● 5900-822-RC	8200	6.32	0.293	0.25	63K3906	2.480	1.780
● 5900-103-RC	10000	7.3	0.266	0.25	63K3857	2.480	1.780
● 5900-123-RC	12000	9.2	0.241	0.2	63K3862	2.480	1.780
● 5900-153-RC	15000	10.5	0.214	0.2	63K3866	2.480	1.780
● 5900-183-RC	18000	14.8	0.198	0.158	63K3870	2.480	1.780
● 5900-223-RC	22000	21.8	0.18	0.125	63K3874	2.480	1.780
● 5900-273-RC	27000	22.7	0.162	0.125	63K3878	2.480	1.780
● 5900-333-RC	33000	25.7	0.146	0.125	63K3883	2.480	1.780
● 5900-393-RC	39000	31.8	0.135	0.1	63K3887	3.260	2.460
● 5900-473-RC	47000	36.1	0.122	0.1	63K3892	2.480	1.780
● 5900-563-RC	56000	40.9	0.112	0.1	63K3897	2.480	1.780
● 5900-683-RC	68000	57.3	0.101	0.082	63K3902	2.480	1.780
● 5900-823-RC	82000	79.3	0.09	0.065	63K3907	2.480	1.780
● 5900-104-RC	100000	89.7	0.081	0.065	63K3858	2.480	1.780

(7406)

9250A SERIES MOLDED AXIAL INDUCTOR



Features

- Shielded
- High Q value

Specifications

- Dielectric strength: 1000 VRMS
- Oper. Temp. Range: -55°C to +125°C

Applications

- Filters
- Output chokes

Just Added

Mfg. Part No.	L (Induct.) (µH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● 9250A-101-RC	0.1	50 @ 25 MHz	250	0.025	1790	86K8169	1.150
● 9250A-122-RC	1.2	44 @ 7.9 MHz	130	0.1	895	86K8185	1.150
● 9250A-332-RC	3.3	44 @ 7.9 MHz	85	0.35	480	86K8245	1.150
● 9250A-103-RC	10	50 @ 7.9 MHz	46	1.62	220	86K8173	1.150
● 9250A-223-RC	22	45 @ 2.5 MHz	41	0.96	290	86K8223	1.150
● 9250A-333-RC	33	45 @ 2.5 MHz	34	1.37	240	86K8247	1.150
● 9250A-473-RC	47	50 @ 2.5 MHz	27	2.11	195	86K8271	1.150
● 9250A-563-RC	56	50 @ 2.5 MHz	25	2.23	190	86K8283	1.150
● 9250A-104-RC	100	50 @ 2.5 MHz	10	3.12	160	86K8175	1.150
● 9250A-224-RC	220	55 @ 0.79 MHz	7.5	5	125	86K8225	1.150
● 9250A-274-RC	270	55 @ 0.79 MHz	7	5.8	115	86K8237	1.150
● 9250A-334-RC	330	55 @ 0.79 MHz	6.5	3.4	110	86K8249	1.150
● 9250A-474-RC	470	60 @ 0.79 MHz	5.7	9.5	92	86K8273	1.150
● 9250A-824-RC	820	60 @ 0.79 MHz	4.2	13	80	86K8309	1.150
● 9250A-105-RC	1000	60 @ 0.79 MHz	3.8	17.5	70	86K8177	1.150
● 9250A-125-RC	1200	45 @ 0.25 MHz	1.5	22.1	60	86K8191	1.150
● 9250A-225-RC	2200	45 @ 0.25 MHz	0.97	33.8	50	86K8227	1.150
● 9250A-475-RC	4700	45 @ 0.25 MHz	0.74	81.6	31	86K8275	1.150
● 9250A-685-RC	6800	40 @ 0.25 MHz	0.66	111	27	86K8299	1.150
● 9250A-106-RC	10000	40 @ 0.25 MHz	0.47	137	24	86K8179	1.150
● 9250A-276-RC	27000	27 @ 0.079 MHz	0.21	308	16	86K8241	1.150
● 9250A-336-RC	33000	27 @ 0.079 MHz	0.19	343	15	86K8253	1.150
● 9250A-476-RC	47000	23 @ 0.079 MHz	0.16	473	13	86K8277	1.150
● 9250A-566-RC	56000	23 @ 0.079 MHz	0.14	512	13	86K8289	1.150
● 9250A-107-RC	100000	18 @ 0.079 MHz	0.11	678	11	86K8181	1.150

(136931)

9310 SERIES MOLDED RF CHOKES

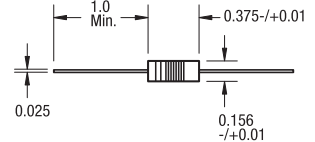


Features

- High-Q for high-reliability
- Flame-retardant coating
- Consistent body dimension
- Injection molded to protect coil from extreme environment
- Color band or numerical marking identification

Specifications

- Dielectric strength 1000VRMS
- Operating temperature -55 to +105°C
- Maximum temperature rise 35°C



Mfg. Part No.	L (Induct.) (µH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● 9310-00-RC	150	50 @ 25 MHz	525	30	2.45	63K4159	0.658
● 9310-02-RC	220	50 @ 25 MHz	450	55	1.9	63K4160	0.658
● 9310-06-RC	470	45 @ 25 MHz	310	120	1.225	63K4161	0.658
● 931012-RC	1	50 @ 25 MHz	200	290	830	63K4173	0.658
● 9310-14-RC	1.2	33 @ 7.9 MHz	180	420	650	63K4162	0.658
● 9310-16-RC	1.5	33 @ 7.9 MHz	160	500	600	63K4163	0.562
● 9310-18-RC	1.8	33 @ 7.9 MHz	150	650	525	63K4164	0.634
● 9310-20-RC	2.2	33 @ 7.9 MHz	135	950	435	63K4165	0.658
● 9310-24-RC	3.3	33 @ 7.9 MHz	110	2	300	63K4166	0.657
● 9310-28-RC	4.7	33 @ 7.9 MHz	90	2.6	260	63K4167	0.658
● 9310-32-RC	6.8	50 @ 7.9 MHz	55	500	600	63K4168	0.658
● 9310-34-RC	8.2	50 @ 7.9 MHz	50	600	545	63K4169	0.658
● 9310-36-RC	10	55 @ 7.9 MHz	45	900	445	63K4170	0.657
● 9310-40-RC	15	65 @ 2.5 MHz	40	1.4	370	63K4171	0.657
● 9310-52-RC	33	65 @ 2.5 MHz	19	3	250	63K4172	0.658

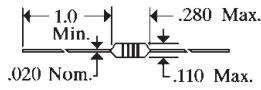
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CHOKES – AXIAL TERMINAL

CONFORMAL COATED RF CHOKES



78F series chokes have ferrite cores with tinned copper leads and epoxy coating. Working voltage: 250V max. Terminal pull: 5 lbs. Operating temperature: -20°C to +105°C.



±20% TOLERANCE

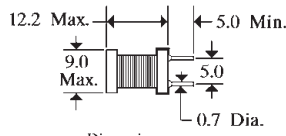
Mfg. Part No.	L (Induct.) (µH)	Q Min.	DCR Max. (Ω)	I _{DC} (mA)	Stock No.	Price Each		
						1-9	10-24	25-49
78FR10M-RC	0.1	40	0.06	500	63K2906	0.313	0.252	0.189
78FR12M-RC	0.12	40	0.06	500	63K2907	0.313	0.252	0.189
78FR15M-RC	0.15	40	0.07	500	63K2908	0.313	0.252	0.189
78FR18M-RC	0.18	40	0.08	500	63K2909	0.313	0.252	0.189
78FR22K-RC	0.22	40	0.08	1,025	63K2910	0.313	0.252	0.189
78FR27K-RC	0.27	40	0.08	950	63K2911	0.313	0.252	0.189
78FR33K-RC	0.33	40	0.08	815	63K2912	0.313	0.252	0.189
78FR39K-RC	0.39	40	0.09	700	63K2913	0.313	0.252	0.189
78FR47K-RC	0.47	40	0.1	650	63K2914	0.313	0.252	0.189
78FR56K-RC	0.56	40	0.11	545	63K2915	0.313	0.252	0.189
78FR68K-RC	0.68	40	0.12	495	63K2916	0.313	0.252	0.189
78FR82K-RC	0.82	40	0.12	415	63K2917	0.313	0.252	0.189
78F1R0K-RC	1	40	0.15	385	63K2918	0.313	0.252	0.189
78F1R2K-RC	1.2	40	0.18	590	63K2919	0.313	0.252	0.189
78F2R2K-RC	2.2	50	0.28	395	63K2930	0.313	0.252	0.189
78F2R7K-RC	2.7	50	0.3	355	63K2931	0.313	0.252	0.189
78F3R3J-RC	3.3	50	0.34	270	63K2936	0.313	0.252	0.189
78F4R7J-RC	4.7	45	0.35	230	63K2943	0.313	0.252	0.189
78F5R6J-RC	5.6	45	0.4	185	63K2946	0.313	0.252	0.189
78F6R8J-RC	6.8	40	0.45	175	63K2949	0.313	0.252	0.189
78F100J-RC	10	40	0.72	130	54K3050	0.313	0.252	0.189
78F120J-RC	12	45	0.8	155	63K2924	0.313	0.252	0.189
78F150J-RC	15	50	0.88	150	63K2926	0.313	0.252	0.189
78F180J-RC	18	50	1	145	63K2928	0.313	0.252	0.189
78F220J-RC	22	50	1.2	140	63K2932	0.313	0.252	0.189
78F270J-RC	27	50	1.35	135	63K2934	0.313	0.252	0.189
78F390J-RC	39	50	1.7	185	63K2941	0.313	0.252	0.189
78F470J-RC	47	60	2.3	167	63K2944	0.313	0.252	0.189
78F560J-RC	56	60	2.6	150	63K2947	0.313	0.252	0.189
78F680J-RC	68	60	2.9	137	63K2950	0.313	0.252	0.189
78F820J-RC	82	60	3.2	132	63K2953	0.313	0.252	0.189
78F101J-RC	100	60	3.5	125	63K2922	0.313	0.252	0.189
78F121J-RC	120	60	3.8	100	63K2925	0.313	0.252	0.189
78F151J-RC	150	60	4.4	90	63K2927	0.313	0.252	0.189
78F221J-RC	220	60	5.7	76	63K2933	0.313	0.252	0.189
78F271J-RC	270	60	6.5	70	63K2935	0.313	0.252	0.189
78F331J-RC	330	60	9.5	65	63K2940	0.313	0.252	0.189
78F471J-RC	470	60	11.6	53	63K2945	0.313	0.252	0.189
78F561J-RC	560	60	13	51	63K2948	0.313	0.252	0.189
78F681J-RC	680	60	18	45	63K2951	0.313	0.252	0.189
78F821J-RC	820	60	23	43	63K2954	0.313	0.252	0.189
78F102J-RC	1000	60	26	41	63K2923	0.313	0.252	0.189

(48686)

RADIAL TERMINAL HI-CURRENT RF CHOKES



6000 series RF chokes are designed for high current applications. Rated DC tested at 1kHz. WV1 rated sleeving.



±20% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	Q Min.	DCR Max. (Ω)	I _{DC} Amps	Stock No.	Price Each	
						1-9	10-24
6000-1R0M-RC	1	20	0.013	10	63K2876	1.110	0.833
6000-1R5M-RC	1.5	20	0.016	8.5	63K2877	1.110	0.833
6000-2R2M-RC	2.2	20	0.021	6.5	63K2886	1.110	0.833
6000-3R3M-RC	3.3	20	0.025	5.5	63K2891	1.110	0.833
6000-4R7M-RC	4.7	20	0.03	4.6	63K2896	1.110	0.833
6000-6R8M-RC	6.8	20	0.035	4.1	63K2900	1.110	0.833

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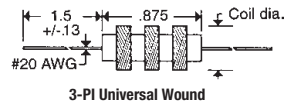
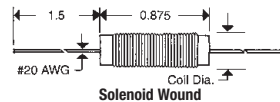
RADIAL TERMINAL HI-CURRENT RF CHOKES (CONT.)

±10% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	Q Min.	DCR Max. (Ω)	I _{DC} Amps	Stock No.	Price Each	
						1-9	10-24
6000-120K-RC	12	50	0.05	3.1	63K2881	1.110	0.833
6000-150K-RC	15	50	0.056	2.9	63K2882	1.110	0.833
6000-180K-RC	18	40	0.061	2.66	63K2884	1.110	0.833
6000-220K-RC	22	40	0.07	2.4	63K2887	1.110	0.833
6000-270K-RC	27	40	0.08	2.22	63K2889	1.110	0.833
6000-330K-RC	33	30	0.09	2.05	63K2892	1.110	0.833
6000-390K-RC	39	30	0.1	1.85	63K2894	1.110	0.833
6000-470K-RC	47	30	0.16	1.77	63K2897	1.110	0.833
6000-560K-RC	56	30	0.18	1.48	60K7212	1.110	0.833
6000-680K-RC	68	30	0.21	1.36	63K2901	1.110	0.833
6000/820K-RC	82	30	0.23	1.3	63K2904	1.110	0.833
6000-101K-RC	100	20	0.28	1.4	63K2879	1.110	0.833
6000-151K-RC	150	20	0.37	1.15	63K2883	1.110	0.833
6000-181K-RC	180	20	0.58	1.08	63K2885	1.110	0.833
6000-221K-RC	220	20	0.65	1	63K2888	1.110	0.833
6000-271K-RC	270	20	0.75	0.9	63K2890	1.110	0.833
6000-331K-RC	330	20	0.85	0.78	63K2893	1.110	0.833
6000-391K-RC	390	20	1	0.74	63K2895	1.110	0.833
6000-471K-RC	470	20	1.1	0.68	63K2898	1.110	0.833
6000-561K-RC	560	20	1.4	0.64	63K2899	1.110	0.833
6000-681K-RC	680	20	1.6	0.59	63K2902	1.110	0.833
6000-821K-RC	820	20	1.8	0.56	63K2903	1.110	0.833
6000-102K-RC	1000	50	2.9	0.51	63K2880	1.110	0.833

(48677)

RF CHOKES WITH AXIAL TERMINALS



Solenoid or 3-pi universal windings. Impregnated with moisture- and fungus-resistant varnish. Operation up to UHF. Lead length: 1.5". Tolerance: ± 5%

PHENOLIC WOUND

Mfg. Part No.	L (Induct.) (µH)	Resistance Max. (Ω)	Mfg. Part No.	Rated Current (mA)	Coil Dia. Max.	Stock No.	Price Each	
							1-99	100-249
4602-RC	1	0.05		2000	0.27"	86K7321	2.900	2.150
4604-RC	1.5	0.093		1800	0.27"	86K7322	2.900	2.150
4606-RC	2.4	0.19		1500	0.27"	86K7323	2.900	2.150
4608-RC	3.9	0.45		1000	0.27"	86K7324	2.900	2.150
4609-RC	5.5	0.67		850	0.27"	86K7325	2.900	2.150
4611-RC	8.2	1.2		600	0.27"	86K7327	2.900	2.150
4612-RC	10	1.5		500	0.27"	63K3764	2.900	2.150
4652-RC	1000	19		160	0.56"	86K7337	3.800	2.820

IRON CORE SOLENOID WOUND

4622-RC	10	0.11		1500	0.29"	63K3765	2.900	2.150
4624-RC	15	0.17		1000	0.29"	63K3766	2.900	2.150
4626-RC	24	0.34		800	0.29"	63K3767	1.430	1.060
4629-RC	55	1		500	0.29"	63K3768	1.430	1.060
4632-RC	100	3.0		400	0.29"	63K3769	2.900	2.150
4651-RC	1	19		160	0.56"	63K3770	3.800	2.820
4672-RC	10000	50		100	0.59"	63K3771	3.800	2.820

FERRITE CORE 3-PI UNIVERSAL WOUND

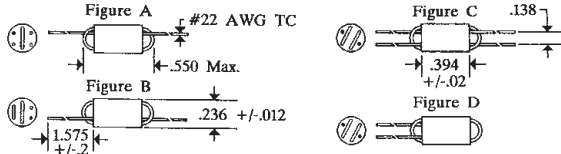
6302-RC	2500	9		160	0.47"	63K3908	3.370	2.490
6304-RC	5000	14		160	0.53"	63K3909	3.370	2.490
6306-RC	10000	31		100	0.53"	63K3910	3.370	2.490
6308-RC	25000	82		65	0.53"	63K3911	3.370	2.490
6310-RC	50000	127		65	0.53"	63K3912	3.370	2.490

(7363)

2

CHOKES – AXIAL TERMINAL

WIDE BAND CHOKES

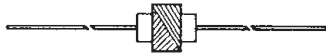


FB20000 series has excellent EMI suppression capability at wide frequency ranges with differential and common mode configuration. High impedance (Z) tolerance: ±25%.

Mfg. Part No.	Fig.	No. of Turns	Z @ 10MHz	Z @ 100MHz	Stock No.	Price Each			
						1-9	10-24	25-49	50-99
● FB20009-3B-RC	A	1½	225Ω	400Ω	63K2777	0.942	0.879	0.835	0.745
● FB20019-4B-RC	A	1½	175Ω	500Ω	63K2780	0.942	0.879	0.835	0.745
● FB20010-3B-RC	B	2½	460Ω	785Ω	63K2778	0.942	0.879	0.835	0.745
● FB20020-4B-RC	B	2½	30Ω	410Ω	63K2781	0.942	0.879	0.835	0.745
● FB20011-3B-RC	C	2 x 1½	215Ω	415Ω	63K2779	0.942	0.879	0.835	0.745
● FB20021-4B-RC	C	2 x 1½	175Ω	485Ω	63K2782	0.942	0.879	0.835	0.745
● FB20022-4B-RC	D	3	430Ω	900Ω	63K2783	0.942	0.879	0.835	0.745

(48/70)

70F SERIES SUBMINIATURE RF CHOKES



Designed for demand of high-reliability ultraminiature components. Coils impregnated with moisture-resistant lacquer. Specification "Q" denotes quality factor. Core material indicated by mfg. part no. suffix: I = iron; F = ferrite; P = Phenolic. Lead length: 1.25" min.

RoHS COMPLIANT — 20% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	Q Min	DCR Max. (Ω)	I _{DC} (mA)	Coil Dia. Max (in)	Stock No.	Price Each	
							1-9	10-24
● 70F107AP-RC	0.1	49	0.13	3922	0.15	63K3949	1.060	0.793
● 70F157AP-RC	0.15	52	0.25	2828	0.14	63K3962	0.853	0.641
● 70F227AP-RC	0.22	48	0.38	2294	0.14	63K3976	1.060	0.793
● 70F337AP-RC	0.7	47	0.7	1690	0.12	63K3996	0.853	0.641
● 70F477AP-RC	0.47	46	0.125	1264	0.12	63K4010	0.853	0.641
● 70F687AP-RC	0.68	48	0.2	1000	0.12	63K4024	1.060	0.793
● 70F757AP-RC	0.75	48	0.264	870	0.12	63K4030	0.853	0.641
● 70F827AP-RC	0.82	48	0.29	830	0.12	63K4036	0.853	0.641
● 70F106AI-RC	1	41	0.048	2041	0.16	63K3948	1.060	0.793

RoHS COMPLIANT — ±10% TOLERANCE

● 70F126AI-RC	1.2	45	0.072	1666	0.16	63K3955	1.060	0.793
● 70F156AI-RC	1.5	42	0.096	1443	0.16	63K3961	1.060	0.793
● 70F186AI-RC	1.8	31	0.096	1443	0.16	63K3968	1.060	0.793
● 70F226AI-RC	2.2	43	0.156	1132	0.16	63K3975	1.060	0.793
● 70F276AI-RC	2.7	34	0.168	1091	0.16	63K3987	1.060	0.793
● 70F336AI-RC	3.3	40	0.24	912	0.15	63K3995	1.060	0.793
● 70F396AI-RC	3.9	35	0.264	870	0.15	63K4003	1.060	0.793
● 70F476AI-RC	4.7	43	0.457	661	0.15	63K4009	1.060	0.793
● 70F566AI-RC	5.6	41	0.492	637	0.15	63K4018	1.060	0.793
● 70F686AI-RC	6.8	40	0.624	566	0.15	63K4023	1.060	0.793
● 70F756AI-RC	7.5	32	0.624	566	0.15	63K4029	1.060	0.793
● 70F826AI-RC	8.2	37	0.744	518	0.15	63K4035	1.060	0.793
● 70F916AI-RC	9.1	41	1.44	288	0.16	63K4041	1.060	0.793
● 70F105AI-RC	10	36	1.56	277	0.16	63K3947	1.270	0.951
● 70F125AI-RC	12	52	1.68	267	0.16	63K3954	1.270	0.951
● 70F155AI-RC	15	52	1.92	250	0.16	63K3960	1.270	0.951

RoHS COMPLIANT — ±5% TOLERANCE

● 70F185AI-RC	18	52	2.28	229	0.16	63K3967	1.270	0.951
● 70F225AI-RC	22	51	2.28	229	0.16	63K3974	1.270	0.950
● 70F255AI-RC	25	48	2.64	213	0.17	63K3981	1.270	0.951
● 70F275AI-RC	27	49	2.64	213	0.17	63K3986	1.260	0.945
● 70F335AI-RC	33	50	2.76	208	0.17	63K3994	1.270	0.951
● 70F395AI-RC	39	48	3.36	188	0.17	63K4002	1.270	0.951
● 70F475AI-RC	47	44	3.36	188	0.17	63K4008	1.270	0.951
● 70F565AI-RC	56	45	3.84	176	0.18	63K4017	1.260	0.945
● 70F685AI-RC	68	42	4.2	169	0.18	63K4022	1.270	0.951
● 70F755AI-RC	75	38	4.56	162	0.18	63K4028	1.270	0.951
● 70F825AI-RC	82	41	4.8	158	0.18	63K4034	1.270	0.951
● 70F915AI-RC	91	41	4.92	156	0.18	63K4040	1.270	0.951

▶ CONTINUED ▶

70F SERIES SUBMINIATURE RF CHOKES (CONT.)

RoHS COMPLIANT — ±5% TOLERANCE

Mfg. Part No.	L (Induct.) (µH)	Q Min	DCR Max. (Ω)	I _{DC} (mA)	Coil Dia. Max (in)	Stock No.	Price Each	
							1-9	10-24
● 70F104AI-RC	100	25	7.68	139	0.16	63K3946	1.610	1.210
● 70F124AI-RC	120	40	8.16	135	0.16	63K3953	1.610	1.210
● 70F154AI-RC	150	47	8.16	135	0.16	63K3959	1.610	1.210
● 70F184AI-RC	180	48	8.16	135	0.17	63K3966	1.610	1.210
● 70F204AI-RC	200	47	10.3	120	0.17	63K3969	1.610	1.210
● 70F224AI-RC	220	46	11.5	114	0.17	63K3973	1.350	1.020
● 70F254AI-RC	250	49	12.1	111	0.17	63K3980	1.610	1.210
● 70F274AI-RC	270	46	13.2	106	0.17	63K3985	1.610	1.210
● 70F304AI-RC	300	46	13.2	106	0.17	63K3988	1.350	1.020
● 70F334AI-RC	330	41	13.9	103	0.17	63K3992	1.610	1.210
● 70F354AI-RC	350	46	14.4	102	0.18	63K3997	1.350	1.020
● 70F394AI-RC	390	45	15.8	97	0.18	63K4001	1.610	1.210
● 70F474AI-RC	470	35	16.3	95	0.18	63K4007	1.610	1.210
● 70F504AI-RC	500	49	18	91	0.19	63K4013	1.350	1.020
● 70F564AI-RC	560	41	19.2	88	0.19	63K4016	1.350	1.020
● 70F684AI-RC	680	37	19.8	87	0.2	63K4021	1.610	1.210
● 70F754AI-RC	750	40	22.9	80	0.21	63K4027	1.610	1.210
● 70F824AI-RC	820	33	22.9	80	0.21	63K4033	1.350	1.020
● 70F914AI-RC	910	32	24	79	0.22	63K4039	1.610	1.210
● 70F103AI-RC	1000	30	24	79	0.22	63K3945	1.780	1.340
● 70F123AI-RC	1200	34	33.6	66	0.22	63K3952	1.310	0.983
● 70F153AI-RC	1500	40	37.2	63	0.22	63K3958	1.780	1.340
● 70F183AI-RC	1800	40	42	59	0.23	63K3965	1.780	1.340
● 70F223AI-RC	2200	40	45.6	57	0.24	63K3972	1.780	1.340
● 70F253AI-RC	2500	48	45.6	57	0.26	63K3979	1.780	1.340
● 70F273AI-RC	2700	50	45.6	57	0.26	63K3984	1.490	1.120
● 70F333AI-RC	3300	52	51.6	53	0.26	63K3991	1.610	1.210
● 70F393AI-RC	3900	53	57.6	51	0.27	63K4000	1.490	1.120
● 70F473AI-RC	4700	49	64.8	48	0.28	63K4006	1.780	1.340
● 70F563AI-RC	5600	53	69.6	46	0.3	63K4015	1.770	1.330
● 70F683AI-RC	6800	51	78	43	0.31	63K4020	1.620	1.220
● 70F753AI-RC	7500	49	85.2	41	0.31	63K4026	1.780	1.340
● 70F823AI-RC	8200	48	92.4	40	0.33	63K4032	1.780	1.340
● 70F913AI-RC	9100	52	98.4	39	0.33	63K4038	1.730	1.300
● 70F102AI-RC	10,000	41	101	38	0.33	63K3944	2.110	1.590
● 70F122AI-RC	12,000	46	100	50	0.3	63K3951	2.110	1.590
● 70F152AI-RC	15,000	50	113	47	0.3	63K3957	2.110	1.590
● 70F182AI-RC	18,000	49	128	44	0.32	63K3964	2.110	1.590
● 70F222AI-RC	22,000	50	144	41	0.33	63K3971	2.110	1.590
● 70F252AI-RC	25,000	59	115	46	0.34	63K3978	2.110	1.590
● 70F272AI-RC	27,000	61	120	45	0.35	63K3983	2.110	1.590
● 70F332AI-RC	33,000	61	134	43	0.35	63K3990	2.110	1.590
● 70F392AI-RC	39,000	59	147	41	0.37	63K3999	2.110	1.590
● 70F472AI-RC	47,000	57	168	38	0.38	63K4005	2.110	1.590
● 70F502AI-RC	50,000	57	175	37	0.4	63K4012	2.110	1.590
● 70F562AI-RC	56,000	57	189	36	0.4	63K4014	2.110	1.590
● 70F682AI-RC	68,000	57	215	34	0.41	63K4019	2.110	1.590
● 70F752AI-RC	75,000	53	222	33	0.43	63K4025	2.110	1.590
● 70F822AI-RC	82,000	50	238	32	0.43	63K4031	2.110	1.590
● 70F912AI-RC	91,000	51	250	31	0.43	63K4037	2.110	1.590
● 70F101AI-RC	100,000	48	278	29	0.44	63K3943	3.930	2.950

RoHS COMPLIANT — ±5% TOLERANCE, TEST FREQ: 1kHz

● 70F121AF-RC	120,000	46	288	48	0.48	63K3950	2.370	1.780
● 70F151AF-RC	150,000	49	328	44	0.5	63K3956	3.930	2.950
● 70F181AF-RC	180,000	51	374	41	0.52	63K3963	2.810	2.110
● 70F221AF-RC	220,000	51	424	39	0.54			

CHOKES – AXIAL TERMINAL • FERRITE BEAD INDUCTORS – SMD

Z SERIES RF PLATE CHOKES

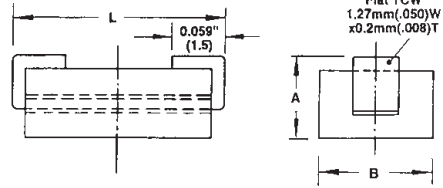


Ohmite radio frequency plate chokes have a single-layer winding designed to avoid adverse harmonic effects and prevents breakdown from high r.f. potentials. Windings are insulated and protected by a moisture-proof coating.

Mfg. Part No.	Inductance (µH) @ 1KHz	DC Current (A)	DCR (Ohms)	Freq. Range (MHz)	SRF (MHz)	Stock No.	Price Each	
							1-9	10-24
● Z7E	84	1	4.7	3 - 20	13	64K7834	28.080	21.160
● Z14E	44	0.68	2.6	7 - 35	23	64K7824	15.960	12.030
● Z50E	7	1	0.98	35 - 110	79	64K7833	5.570	4.200

(87531)

SURFACE MOUNT EMI SUPPRESSION BEADS



Flat TCW 1.27mm(.050)W x0.2mm(.008)T



These surface mountable beads are supplied with a high copper conductor which lowers DC resistance and increases current carrying capacity, compared to plated beads. Plating is RoHS compliant 100% tin. SM beads are designed for differential and common-mode applications, and are offered in a range of materials 73, 43 / 44 and 52 / 61 (3rd and 4th digit) which cover frequencies from 500kHz to 1GHz.

LOW FREQUENCY

Mfg. Part No.	Mfg. Part No.	Z (Ω)		Dimensions (in.)			Stock No.	Price Each
		@ 10MHz	@ 25MHz	A	B	C		
● 2773019447	● 2773019447	31	40	0.112	0.12	0.184	93B9533	0.215
● 2773021447	● 2773021447	60	78	0.112	0.12	0.359	50B3456	0.252

MID-RANGE FREQUENCY

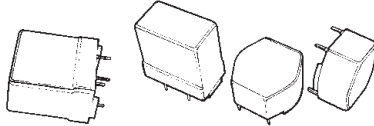
Mfg. Part No.	Mfg. Part No.	Z (Ω)		Dimensions (in.)			Stock No.	Price Each
		@ 25MHz	@ 100MHz	A	B	C		
● 2743019447	● 2743019447	29	47	0.112	0.12	0.184	26C2847	0.137
● 2743021447	● 2743021447	56	95	0.112	0.12	0.359	24C0338	0.158
● 2744555577	● 2744555577	425	600	0.197	0.197	0.433	76K2696	0.742
● 2744041447	● 2744041447	20	33	0.112	0.22	0.185	57J1201	0.198
● 2744045447	● 2744045447	38	60	0.112	0.22	0.335	73C7704	0.539
● 2744051447	● 2744051447	100	230	0.177	0.262	0.472	11C1594	0.723

HIGH FREQUENCY

Mfg. Part No.	Mfg. Part No.	Z (Ω)		Dimensions (in.)			Stock No.	Price Each
		@ 100MHz	@ 250MHz	A	B	C		
● 2761019447	● 2761019447	180	50	0.112	0.12	0.184	61H4697	0.447
● 2761021447	● 2761021447	60	94	0.112	0.12	0.359	19H9937	0.455
● 2752051447	● 2752051447	200	330	0.177	0.262	0.472	12N1159	0.959

(7344)

RN SERIES COMMON MODE CHOKES



PC mount common mode chokes for low level EMI problems or as part of a larger filter with capacitors. Highest attenuation at resonant frequency (F res). RN112 is a horizontal mount package, 0.67 x 0.67 x 0.5" (17 x 17 x 13) high. RN122 is a horizontal mount, 1.1 x 1.1 x 0.65" (28 x 28 x 16.5mm). RN222 is a vertical mount, 0.71 x 1.22" (18 x 31) footprint and 1.2" (29.3) height. UL recognized and VDE approved.

Mfg. Part No.	I (A)	L (mH)	F res (kHz)	R (Ω)	Stock No.	Price Each		
						1-9	10-24	25-49
● RN102-1/02	1	3	1400	0.2	37K6102	2.370	2.070	1.660
● RN102-2/02	2	1.1	2400	0.07	37K6103	2.370	2.070	1.660
● RN112-1.5/02	1.5	4.3	800	0.15	37K6104	2.370	2.070	1.660
● RN122-1/02	1	18	3000	0.61	37K6105	3.030	2.650	2.110
● RN112-4/02	4	0.7	3000	0.03	37K6105	2.370	2.070	1.660
● RN114-2/02	2	4.2	1300	0.12	97F8188	2.700	2.360	1.890
● RN114-4/02	4	1.5	2300	0.02	37K6107	2.790	2.440	1.950
● RN202-1.5/02	1.5	1.6	1900	0.1	94M5343	2.370	2.070	1.660
● RN214-2/02	2	4.2	1300	0.12	37K6117	2.700	2.360	1.890
● RN222-1/02	1	18	200	0.7	97F8196	3.030	2.650	2.110

(7469)

MULTILAYER SURFACE MOUNT FERRITE CHIP BEADS



Surface mount ferrite chip beads in standard EIA sizes. Suitable for wave and flow soldering processes. Ideal for EMI suppression. 100% controlled impedance and DCR.

Mfg. Part No.	Case Size	Z @ 100MHz (Ω)	I _{max} (A)	Stock No.	Price Each	
					1-99	1-99
● 2506033007Y3	0603	30	3	03P0848	0.050	0.050
● 2506033017Y0	0603	300	100	72K6764	0.057	0.057
● 2506033017Y0	0603	300	100	72K6764	0.057	0.057
● 2506031027Y0	0603	1k	300	07H4201	0.045	0.045
● 2508051107Y0	0805	11	300	82H1620	0.061	0.061
● 2508056007Y0	0805	60	300	14P4946	0.049	0.049
● 2508053017Y0	0805	300	300	83F7369	0.050	0.050
● 2508056017Y2	0805	600	2000	22J0387	0.071	0.071
● 2508051527Y0	0805	1.5k	300	24C2336	0.060	0.060
● 2512063007Y3	1206	30	3	50B9866	0.099	0.099
● 2512065007Y3	1206	50	3	95C0793	0.099	0.099
● 2512065007Y6	1206	50	6	72C8321	0.082	0.082
● 2512061217Y0	1206	120	450	32C8661	0.099	0.099
● 2512061217Y5	1206	120	5	97H6813	0.099	0.099
● 2512066017Y0	1206	600	200	72K6765	0.075	0.075
● 2512061528Y0	1206	1.5k	300	65H6757	0.129	0.129
● 2518065007Y6	1806	50	6	83F7367	0.136	0.136
● 2512066017Y0A4	1206	600	100	66M6068	0.724	0.724
● 2512066017Y0A4	1206	600	100	84K9524	0.265	0.265
● 2518066007Y3	1206	60	3000	31M8877	0.072	0.072
● 2506031017Y0	1206	100	400	76M8774	0.021	0.021

(31685)

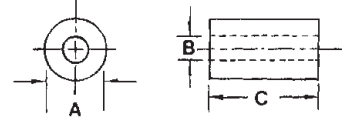
EMI SHIELD BEADS AND CABLE CORES



Material

- 73 = 50MHz
- 31 = 1MHz to 300MHz
- 43 = 25MHz to 300MHz
- 46 = Low cost alternative of 43 material
- 61 = 200MHz to 1GHz

Offered in a range of sizes and materials (3rd and 4th digit) to suppress conducted EMI frequencies from 1MHz to 1GHz.



LOW FREQUENCY

Mfg. Part No.	Z (Ω)			Dimensions (in.)			Stock No.	Price Each
	@10 MHz	@25 MHz	@100 MHz	A	B	C		
● 2673000101	25	35	...	0.138	0.051	0.128	83F7364	0.045
● 2673000301	37.5	57	...	0.138	0.051	0.236	83F7365	0.054
● 2631480002	115	175	295	0.485	0.2	1	75C9539	0.516
● 2631540002	119	181	300	0.562	0.25	1.125	89C2322	1.100
● 2631665702	89	138	225	0.687	0.375	1.125	74C0278	0.824
● 2631102002	103	156	260	1.02	0.505	1.125	85C4595	1.950
● 2744065447	95	145	255	0.209	0.275	0.582	08N1937	1.220
● 2643006302	34	53	80	0.375	0.193	0.41	92B9801	0.160

BROADBAND FREQUENCY

Mfg. Part No.	Z (Ω)		Dimensions (in.)			Stock No.	Price Each
	@25 MHz	@100 MHz	A	B	C		
● 2643000101	26	43	0.138	0.051	0.128	26C0536	0.032
● 2643000301	46	60	0.138	0.051	0.236	92B2104	0.032
● 2643000801	63	92	0.296	0.094	0.297	73K4052	0.086
● 2643002402	26	80	0.38	0.197	0.19	42J4922	0.118
● 2643480002	165	236	0.485	0.2	1	99F6293	0.890
● 2643540002	171	250	0.562	0.25	1.125	88F5751	0.640
● 2643665702	125	200	0.687	0.375	1.125	93B2482	1.140
● 2643102002	145	235	1.02	0.505	1.125	24C4674	2.500
● 2643801002	28	47	1.142	0.748	0.295	50B3452	0.835
● 2643804502	60	100	1.225	0.75	0.627	72K6784	1.360
● 2643802702	48	200	1.4	0.9	0.5	06C1035	1.850
● 2643803802	58	108	2.4	1.4	0.5	14N5458	4.810

▶ CONTINUED ▶

FERRITE BEAD INDUCTORS – SMD

EMI SHIELD BEADS AND CABLE CORES (CONT.)

Mfg. Part No.	Z (Ω)		Dimensions (in.)			Stock No.	Price Each
	@25 MHz	@100 MHz	A	B	C		
● 2646540002	...	230	0.562	0.25	1.125	75M9122	0.670
● 2646665702	...	205	0.687	0.375	1.125	63M9871	0.806

HIGH FREQUENCY

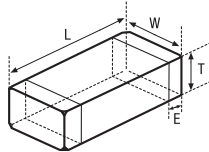
Mfg. Part No.	Z (Ω)		Dimensions (in.)			Stock No.	Price Each
	@100 MHz	@250 MHz	A	B	C		
● 2661540002	205	295	0.562	0.25	1.125	86H7644	1.830
● 2661665702	40	280	0.687	0.375	1.125	08H0912	1.710
● 2661102002	225	300	1.02	0.505	1.125	60K7842	5.080
● 2643665802	88	108	0.687	0.375		91B9940	0.759

(7342)

FC FBM SERIES M TYPE RECTANGULAR FERRITE CHIP BEADS



TAIYO YUDEN



Features:

- Large withstand voltage (allowable current up to 6A)
- Resistance to high energy
- High reliability

Material codes:

- HS: For broadband applications
- HM: For upper MHz range applications
- HL: For GHz range applications

Applications:

- Deals with power line radiated and conducted noise
- Provides waveform correction of digital signals and high frequency noise
- countermeasures in various types of digital equipment
- Automotive
- Computer Peripherals
- Differential transmission line on USB and similar products
- Mobile devices which require lower power consumption



0603 CASE SIZE (L=1.6±0.2mm, W=0.8±0.2mm, E=0.3±0.2mm)

Mfg. Part No.	Z (Ω)	Material Code	Tape Cut		Tape & Reel		Price Each
			Stock No.	Price Each 1-99	Stock No.	Reel Qty.	
● FBMJ1608HS280NT	28 ± 30%	HS	86H5343	0.063	83H9659	4000	0.035
● FBMH1608HL300-T	30 ± 25%	HL	86H5318	0.063	83H9634	4000	0.035
● FBMH1608HM470-T	47 ± 25%	HM	86H5325	0.063	83H9641	4000	0.035
● FBMH1608HL600-T	60 ± 25%	HL	86H5319	0.063	83H9635	4000	0.035
● FBMH1608HM600-T	60 ± 25%	HM	86H5327	0.063	83H9643	4000	0.035
● FBMH1608HM101-T	100 ± 25%	HM	86H5320	0.063	83H9636	4000	0.035
● FBMH1608HL121-T	120 ± 25%	HL	86H5317	0.063	83H9633	4000	0.035
● FBMH1608HM151-T	150 ± 25%	HM	86H5322	0.063	83H9638	4000	0.035
● FBMH1608HL221-T	220 ± 25%	HL	18J0711	0.063	22J1180	4000	0.035
● FBMH1608HM221-T	220 ± 25%	HM	86H5323	0.063	83H9639	4000	0.035
● FBMH1608HL331-T	330 ± 25%	HL	18J0712	0.063	22J1181	4000	0.035
● FBMH1608HM331-T	330 ± 25%	HM	86H5324	0.063	83H9640	4000	0.035
● FBMH1608HL471-T	470 ± 25%	HL	18J0713	0.063	22J1182	4000	0.035
● FBMH1608HM471-T	470 ± 25%	HM	86H5326	0.063	83H9642	4000	0.035
● FBMH1608HM601-T	600 ± 25%	HM	86H5328	0.063	83H9644	4000	0.035
● FBMH1608HM102-T	1000 ± 25%	HM	86H5321	0.063	83H9637	4000	0.035

0805 CASE SIZE (L=2.0±0.2mm, W=1.25±0.2mm, E=0.5±0.3mm)

● FBMJ2125HL8R0NT	8 ± 30%	HL	86H5344	0.067	83H9660	4000	0.036
● FBMJ2125HM210NT	21 ± 30%	HM	86H5345	0.067	83H9661	4000	0.036
● FBMJ2125HS250NT	25 ± 30%	HS	86H5347	0.067	83H9663	4000	0.036
● FBMJ2125HM330-T	33 ± 25%	HM	86H5346	0.067	83H9662	4000	0.036
● FBMJ2125HS420-T	42 ± 25%	HS	86H5348	0.067	83H9664	4000	0.036
● FBMH2012HM800-T	80 ± 25%	HM	86H5332	0.083	83H9648	4000	0.045
● FBMH2012HM121-T	120 ± 25%	HM	86H5329	0.083	83H9645	4000	0.045
● FBMH2012HM221-T	220 ± 25%	HM	86H5330	0.083	83H9646	4000	0.045
● FBMH2012HM331-T	330 ± 25%	HM	86H5331	0.083	83H9647	4000	0.045

0806 CASE SIZE (L=2.0±0.2mm, W=1.6±0.2mm, E=0.5±0.3mm)

● FBMH2016HM251NT	250 ± 30%	HM	86H5333	0.100	83H9649	2000	0.054
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1206 CASE SIZE (L=3.2±0.3mm, W=1.6±0.2mm, E=0.5±0.3mm)

● FBMJ3216HL160NT	16 ± 30%	HL	86H5349	0.100	83H9665	2000	0.054
● FBMJ3216HM380NT	38 ± 30%	HM	86H5350	0.100	83H9666	2000	0.054
● FBMJ3216HS480NT	48 ± 30%	HS	86H5352	0.100	83H9668	2000	0.054
● FBMJ3216HM600-T	60 ± 30%	HM	86H5351	0.100	83H9667	2000	0.054
● FBMJ3216HS800-T	80 ± 30%	HS	86H5353	0.100	83H9669	2000	0.054
● FBMH3216HM501NT	500 ± 30%	HM	86H5334	0.166	83H9650	2000	0.090

➔ CONTINUED ➔

FC FBM SERIES M TYPE RECTANGULAR FERRITE CHIP BEADS (CONT.)

1210 CASE SIZE (L=3.2±0.3mm, W=2.5±0.3mm, E=0.5±0.3mm)

Mfg. Part No.	Z (Ω)	Material Code	Tape Cut		Tape & Reel		
			Stock No.	Price Each 1-99	Stock No.	Reel Qty.	Price Each
● FBMH3225HM601NT	600 ± 30%	HM	86H5336	0.316	83H9652	1000	0.171
● FBMH3225HM102NT	1000 ± 30%	HM	86H5335	0.316	83H9651	1000	0.171

1806 CASE SIZE (L=4.5±0.3mm, W=1.6±0.2mm, E=0.5±0.3mm)

● FBMJ4516HL230NT	23 ± 30%	HL	86H5354	0.117	83H9670	2000	0.063
● FBMJ4516HM560NT	56 ± 30%	HM	86H5355	0.117	83H9671	2000	0.063
● FBMJ4516HS720NT	72 ± 30%	HS	86H5358	0.116	83H9674	2000	0.063
● FBMJ4516HM900-T	90 ± 25%	HM	86H5356	0.117	83H9672	2000	0.063
● FBMJ4516HS111-T	110 ± 25%	HS	86H5357	0.117	83H9673	2000	0.063
● FBMH4516HM851NT	850 ± 30%	HM	86H5337	0.332	83H9653	2000	0.180

1810 CASE SIZE (L=4.5±0.4mm, W=2.5±0.3mm, E=0.9±0.6mm)

● FBMH4525HM102NT	1000 ± 30%	HM	86H5338	0.565	83H9654	1000	0.306
● FBMH4525HM162NT	1600 ± 30%	HM	86H5339	0.565	83H9655	1000	0.306

1812 CASE SIZE (L=4.5±0.4mm, W=3.2±0.3mm, E=0.9±0.6mm)

● FBMJ1608HM230NT	23 ± 30%	HM	86H5342	0.063	83H9658	4000	0.035
● FBMH4532HM681-T	680 ± 25%	HM	86H5341	0.455	83H9657	2000	0.247
● FBMH4532HM132-T	1300 ± 25%	HM	86H5340	0.455	83H9656	2000	0.247

(7720)

FERRITE WIREWOUND CHIP INDUCTORS



Features

- Very strong solderability
- Terminals are highly resistant to pull forces
- Highly resistant to mechanical shocks and pressure
- Highly reliable in environments of sudden temperature change and humidity

Applications

- AV Equipment
- Portable Electronics
- Communication devices

Just Added

0805 CASE (L=2mm, W=1.2mm)

Mfg. Part No.	L (Induct.) (μH)	Q Factor	Test Frequency	SRF (MHz)	DCR (Ohm)	I _{DC} (mA)	Stock No.	Price Each 1-49
● MCF7000152	150	20	25.2	900	0.18	1100	09R2976	0.970
● MCF7000153	220	20	25.2	550	0.25	700	09R2977	0.970
● MCF7000154	330	20	25.2	550	0.35	650	09R2978	0.970
● MCF7000155	470	20	25.2	350	0.45	600	09R2979	0.970
● MCF7000156	680	20	25.2	300	0.6	500	09R2980	0.970
● MCF7000157	1000	15	7.96	280	0.8	450	09R2981	0.970
● MCF7000158	1500	15	7.96	250	1.05	350	09R2982	0.970
● MCF7000159	2200	15	7.96	110	1.1	320	09R2984	0.970
● MCF7000160	3300	15	7.96	60	1.5	300	09R2985	0.970
● MCF7000161	4700	15	7.96	45	2.1	200	09R2986	0.970
● MCF7000162	6800	15	7.96	36	2.7	200	09R2987	0.970
● MCF7000163	10000	10	2.52	30	4.5	180	09R2983	0.875

1008 CASE (L=2.5mm, W=2mm)

● MCF7000164	150	30	25.2	800	0.15	1200	09R2988	0.875
● MCF7000165	220	30	25.2	600	0.25	1200	09R2989	0.875
● MCF7000166	330	30	25.2	400	0.2	1100	09R2990	0.875
● MCF7000167	470	30	25.2	350	0.45	900	09R2991	0.875
● MCF7000168	680	30	25.2	300	0.4	800	09R2992	0.875
● MCF7000169	1000	25	7.96	245	0.5	600	09R2993	0.875
● MCF7000170	1500	25	7.96	182	0.65	550	09R2994	0.875
● MCF7000171	2200	25	7.96	105	0.95	500	09R2998	0.875
● MCF7000172	3300	25	7.96	55	1.15	350	09R3000	0.875
● MCF7000173	4700	25	7.96	43	1.28	300	09R3002	0.875
● MCF7000174	6800	25	7.96	39	1.6	300	09R3004	0.875
● MCF7000175	10000	20	2.52	33	2.3	250	09R2995	0.875
● MCF7000176	15000	20	2.52	24	2.7	200	09R2997	0.875
● MCF7000177	22000	20	2.52	18	3.3	180	09R2999	0.875
● MCF7000178	33000	20	2.52	16	4	120	09R3001	0.875
● MCF7000179	47000	18	2.52	14	5.9	110	09R3003	0.875
● MCF7000180	68000	18	2.52	12	9.5	90	09R3005	0.875
● MCF7000181	100000	12	1	8	11	120	09R2996	0.875

1210 CASE (L=3mm, W=2.5mm)

● MCF7000182	1000	30	7.96	120	0.7	400	09R3006	0.856
● MCF7000183	1500	30	7.96	85	0.85	370	09R3007	0.856
● MCF7000184	2200	30	7.96	75	1	320	09R3012	0.856
● MCF7000185	3300	30	7.96	60	1.2	260	09R3015	0.856
● MCF7000186	4700	30	7.96	50	1.5	220	09R3017	

FERRITE BEAD INDUCTORS – SMD, AXIAL • FERRITE CABLE CORES/SLEEVES

FERRITE WIREWOUND CHIP INDUCTORS (CONT.)

1210 CASE (L=3mm, W=2.5mm)

Mfg. Part No.	L (Induct.) (µH)	Q Factor	Test Frequency	SRF (MHz)	DCR (Ohm)	I _{DC} (mA)	Stock No.	Price Each
								1-49
● MCFT000191	33000	30	2.52	17	5.6	70	09R3016	0.856
● MCFT000192	47000	30	2.52	15	7	60	09R3018	0.856
● MCFT000193	68000	30	2.52	12	9	50	09R3020	0.856
● MCFT000194	100000	20	0.796	10	10	40	09R3009	0.856
● MCFT000195	150000	20	0.796	8	15	65	09R3011	0.856
● MCFT000196	220000	20	0.796	7	21	50	09R3014	0.856

1812 CASE (L=4.5mm, W=3.5mm)

● MCFT000197	1000	50	7.96	100	0.5	450	09R3021	0.856
● MCFT000198	1500	50	7.96	70	0.6	410	09R3022	0.856
● MCFT000199	2200	50	7.96	55	0.7	380	09R3027	0.856
● MCFT000200	3300	50	7.96	45	0.8	355	09R3030	0.856
● MCFT000201	4700	50	7.96	35	1	315	09R3033	0.856
● MCFT000202	6800	50	7.96	27	1.2	285	09R3036	0.856
● MCFT000203	10000	50	2.52	20	1.6	250	09R3023	0.856
● MCFT000204	15000	50	2.52	17	2.5	200	09R3025	0.856
● MCFT000205	22000	50	2.52	13	3.2	180	09R3028	0.856
● MCFT000206	33000	50	2.52	11	4	160	09R3031	0.856
● MCFT000207	47000	50	2.52	10	5	140	09R3034	0.856
● MCFT000208	68000	50	2.52	9	6	130	09R3037	0.856
● MCFT000209	100000	40	0.796	8	8	110	09R3024	0.856
● MCFT000210	150000	40	0.796	5	9	105	09R3026	0.856
● MCFT000211	220000	40	0.796	4	10	100	09R3029	0.856
● MCFT000212	330000	30	0.796	3.5	15	85	09R3032	0.856
● MCFT000213	470000	30	0.796	3	26	62	09R3035	0.856
● MCFT000214	680000	30	0.796	3	30	50	09R3038	0.856

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EMI SHIELD BEADS ON LEADS (CONT.)

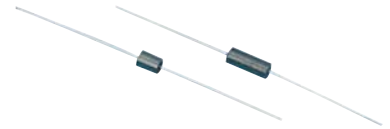
Mfg. Part No.	Z (Ω) @ 100MHz	Bead Length "C"	Pkg. of	Stock No.	Price per Pkg.
					1-99
● 2743014221	391	0.650"	1	93B0283	0.807
● 2744051447	230	0.472"	1	11C1594	0.723

*Price for full pkg. quantity. (7345)

AXIAL FERRITE BEAD INDUCTORS



- Digital Equipment
- Clock Circuits



Sold in Multiples of 5 *

Mfg. Part No.	Current Rating (A)	Bead Dimensions (mm)	
		L	∅
● MCAB 035060-33	3	6	3.5
● MCAB 035075-33	3	7.5	3.5
● MCAB 035090-33	3	9	3.5

Mfg. Part No.	Min Impedance (Ω)		Stock No.	Price Each		
	@10MHz	@100MHz		1-249	250-499	500-999
● MCAB 035060-33	25	65	96K2591	0.063	0.048	0.043
● MCAB 035075-33	30	75	97K4329	0.063	0.048	0.043
● MCAB 035090-33	40	105	97K4330	0.063	0.048	0.043

* Supplied bandoliered on reels of 5000 suitable for automatic insertion (116514)

WOUND EMI SHIELD BEADS

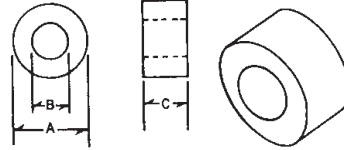


Impedance is increased by adding turns; max. impedance reached at lower frequency due to additional capacitive effects. Med. permeability "Type 44" material, suppress signals between 25-200MHz. Six-holes, wound with oxygen-free, high-conductivity tinned copper wire, 24 AWG (0.53mm). Wire length: 1.500" (38.10).

Mfg. Part No.	Z Min. (Ω)		Turns	Pkg. of	Stock No.	Price Each
	@ 50MHz	@ 100MHz				1-99
● 2944770301	219†	338	5	1	83H1631	0.671
● 2944778301	219†	338	4	1	72K6801	0.606
● 2961666681	315	470	1½	1	50B3459	0.535
● 2944666661	400	470	1½	200*	72K6797	45.630
● 2961666671	690	845	2½	1	31C9624	0.411
● 2961666631	815	780	3	1	34C4640	0.427
● 2944666671C	850	725	2½	10*	72K6799	4.130
● 2944666671G	850	725	2½	200*	91B9393	30.410
● 2944666631/G1	1000	690	3	200*	96B0027	44.470
● 2944777741	1250	500	4½	1	26H3285	0.723

†Impedance @ 25MHz. *Price for full pkg. quantity. (7345)

FERRITE BEAD CORES

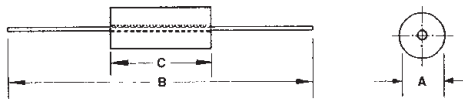


Bead cores offer EMI shielding and provide impedance specification over a wide frequency range. Ideal for use on wire assemblies and MATV/CATV industries.

Mfg. Part No.	Z @100MHz	Dimensions (mm)			Stock No.	Price Each		
		A	B	C		1-99	100-499	500-999
● SPC5305	218Ω	14.20	6.35	28.50	50N671	0.567	0.493	0.457
● SPC5306	178Ω	17.50	9.50	28.50	50N672	0.872	0.759	0.698

(35537)

EMI SHIELD BEADS ON LEADS

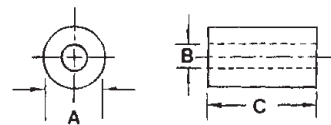


Shield beads are assembled on high-conductivity 22AWG tinned copper wire with 100% tin coating to aid automated circuit assembly. For all, O.D. = 0.138" (3.5); wire length = 2.44" (62.0).

Mfg. Part No.	Z (Ω) @ 100MHz	Bead Length "C"	Pkg. of	Stock No.	Price per Pkg.
					1-99
● 2743001111	68	0.175"	1	97B0025	0.086
● 2743001112	68	0.175"	500*	72K6786	44.940
● 2743001112H	68	0.175"	25*	72K6787	2.730
● 2743015112	82	0.206"	1	25C6146	0.091
● 2743003112	100	0.263"	500*	72K6789	44.940
● 2743003112	100	0.263"	4500*	74K4402	316.030
● 2743004111	110	0.300"	1	23C2196	0.101
● 2743004112	110	0.300"	1	96B9378	0.101
● 2743002111	133	0.350"	1	72K6788	0.106
● 2743002112	133	0.350"	500*	95F781	44.940
● 2743007112	150	0.374"	1	90B2439	0.127
● 2743008 112	180	0.450"	1	85C0252	0.130
● 2743009111	220	0.545"	1	05C0408	0.156
● 2743009112H	220	0.545"	25*	72K6791	3.550

➔ CONTINUED ➔

EMI SUPPRESSION CORES



Round cable EMI suppression cores are controlled for impedance limits only.

Mfg. Part No.	Z (Ω) @ 100MHz	Dimensions			Stock No.	Price Each
		A	B	C		1-99
● 2673000101C	35	0.138	0.051	0.128	72K6785	0.363
● 2643801502	53	1	0.5	0.25	97H4189	0.544
● 2643800502	82	0.825	0.52	0.468	72K6779	0.488
● 2646804502	90	1.225	0.75	0.627	12N1158	0.856
● 2643806402	90	1	0.61	0.5	94B8935	1.060
● 2646803802	100	2.4	1.4	0.5	12N1157	2.650
● 2643804502	100	1.225	0.75	0.627	72K6784	1.360
● 2643803802	108	2.4	1.4	0.5	14N5458	4.810
● 2661000301	120	0.138	0.051	0.236	28H8327	0.119
● 2643480102	121	0.485	0.2	0.5	40C1396	0.412
● 2631540202	140	0.562	0.25	0.53	32H7194	0.804
● 2643102402	183	1.02	0.505	0.84	72K6776	1.600
● 2646102002	212	1.02	0.505	1.125	12N1155	1.180
● 2646480002	212	0.485	0.2	1	12N1156	0.392
● 2631665702	225	0.687	0.375	1.125	74C0278	0.824
● 2643101902	230	1.122	0.543	1.125	72K6775	2.580

➔ CONTINUED ➔

FERRITE CABLE CORES/SLEEVES

EMI SUPPRESSION CORES (CONT.)

Mfg. Part No.	Z (Ω) @ 100MHz	Dimensions			Stock No.	Price Each	
		A	B	C		1-99	1-99
● 2643540002	250	0.562	0.25	1.125	88F5751		0.640
● 2631102002	260	1.02	0.505	1.125	85C4595		1.950
● 2661480002	260	0.62	0.201	1.42	11N8372		0.944
● 2631625102	260	0.625	0.312	1.125	79K4486		0.776
● 2631101902	270	1.122	0.543	1.125	29H4106		3.100
● 2631480002	295	0.485	0.2	1	75C9539		0.516
● 2643626202	336	2	1	2	34C2988		20.620
● 2643626502	348	1	0.5	0.25	22C5039		1.960
● 2643626002	360	2	1	2	50B3451		19.430
● 2643625202	384	0.625	0.312	2	81C9718		1.480

*Sold in pkg. of 100 (79452)

EMI SLEEVES



- Applications
- Computers
 - Peripherals
 - Digital Audio Systems



Ferrite sleeves provide attenuation of EMI on power and data cables, without affecting data transmitted through the cable. Note: To enable the cable to pass smoothly through the sleeve an allowance should be made for tolerances in the OD of the cable and the ID of the sleeve.

Sold in Multiples of 5

Mfg. Part No.	Dimensions (mm)		
	OD	ID	H
● 33RH14.2X28.5X6.35	14.2	6.35	28.5
● 33RH14.2X28.5X7	14.2	7.0	28.5
● 33RH16X17X9	16	9.0	17
● 33RH14.2X28.5X8	14.2	8.0	28.5
● 33RH17.5X28.5X9.5	17.5	9.5	28.5
● 33RH17.5X28.5X10.7	17.5	10.7	28.5
● 33RH26X28.5X13	26	13	28.5

Mfg. Part No.	Stock No.	Min. Impedance (Ω)		Price Each	
		@ 25MHz	@ 100MHz	1-249	250-499
● 33RH14.2X28.5X6.35	67K8960	130	185	0.530	0.400
● 33RH14.2X28.5X7	98K8783	130	210	0.526	0.397
● 33RH16X17X9	98K8785	60	140	0.544	0.410
● 33RH14.2X28.5X8	98K8784	110	210	0.544	0.410
● 33RH17.5X28.5X9.5	98K8786	90	150	0.544	0.410
● 33RH17.5X28.5X10.7	80K9818	90	160	0.544	0.410
● 33RH26X28.5X13	98K8787	130	200	1.870	1.490

(118512)

EMI CORES



- Applications
- Digital Audio Systems
 - Computers
 - Peripherals
 - Sensitive Electronic Equipment



Features toroidal ferrite cores which attenuate electrical noise in signal and data cables.

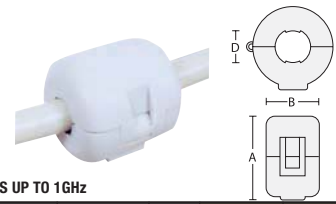
Sold in Multiples of 5

Mfg. Part No.	Dimensions (mm)		
	OD	ID	H
● 33RI 16X14X10	16	10	14
● 33RI 20X10X10	20	10	10
● 33RI 25X12X15	25	15	12
● 33RI 28X13X16	28	15	13
● 33RI 28X20X16	28	16	20
● 33RI 31.5X16X19	31.5	19	16

Mfg. Part No.	Typical Impedance (Ω)		Stock No.	Price Each	
	@ 25MHz	@ 100MHz		1-249	250-499
● 33RI 16X14X10	40	125	98K8788	0.474	0.357
● 33RI 20X10X10	45	120	98K8789	0.578	0.436
● 33RI 25X12X15	40	120	98K8790	0.622	0.469
● 33RI 28X13X16	50	120	98K8791	0.735	0.554
● 33RI 28X20X16	70	130	98K8792	1.080	0.837
● 33RI 31.5X16X19	55	115	98K8793	1.080	0.837

(118515)

UNIVERSAL WIDEBAND CABLE SNAP FERRITES FOR ROUND CABLES



Ferrite assembly in fully enclosed nylon case. Snap closed around wire by clamping shut to position assembly. Round Cable Snap may also be mounted with a flat-head screw through the .120" (3.0mm) diameter hole in the bottom by temporarily removing lower ferrite half. Internal Locking System ensures that snap cannot be reopened after snapping closed into position, so that suppressor cannot be removed.

CABLE SNAP FERRITES FOR ROUND CABLES UP TO 1GHz

Mfg. Part No.	Dimensions (in.)				Z (Ohms) @ 100MHz	Color	Stock No.	Price Each	
	A	B	C	D				1-9	1-9
● CS28B1501	1.725	1.232	1.72	0.71	177	Grey	02M1333		21.500
● CS28B1642	0.852	0.885	0.84	0.282	100	Grey	02M1334		8.770
● CS28B1805	1.04	0.667	1.025	0.34	73	Grey	02M1335		9.050
● CS28B1937	1.182	0.78	1.188	0.425	117	Grey	02M1336		10.360
● CS28B1984	1.218	0.705	1.22	0.525	62	Grey	02M1337		9.830
● CS28B2000	2.35	1.851	2.309	0.96	380	Grey	02M1338		54.710

CABLE SNAP WITH SECURE INTERNAL LOCKING SYSTEM

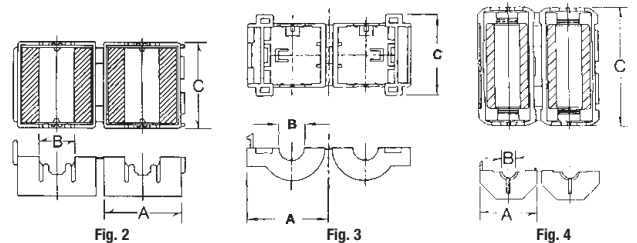
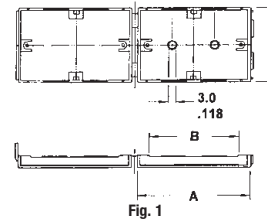
● IL28B0642G	0.78	0.78	0.78	0.316	100	Grey	30M2279		6.500
IL28B0642B	0.78	0.78	0.78	0.316	100	Beige	01P4641		9.050
IL28B0642K	0.78	0.78	0.78	0.316	100	Black	01P4642		9.050
IL28B0642W	0.78	0.78	0.78	0.316	100	White	01P4643		9.050

JELLY BEAN SHAPED CABLE SNAP WITH SECURE INTERNAL LOCKING SYSTEM

● JB28B0010/K	0.82	0.67	0.67	0.29	160	Grey	02M1488		7.740
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(89346)

EMI SUPPRESSION CORES WITH CASES



Attenuate EMI from ribbon and round cable with cores that accommodate a range of sizes and conductors. Flat cases have serrated teeth to grip and center cable. Feature combination case and two ferrite parts. "Mfr. part no. 43" or "Mfr. part no. 44" materials, polypropylene. Flammability: UL 94-V0. Suffix B in mfr. part no. number indicates package of 2.

FLAT CABLE CORES WITH CASES

Mfg. Part No.	Fig.	Z (Ω) @ 100MHz	Dimensions (in.)			Stock No.	Price Each	
			A	B	C		1-9	10-49
● 0443163951	1	290	2.670	2.050	1.272	72K6745	5.230	4.840
● 0443166651B	1	290	1.950	1.350	1.270	91F6474	8.980	8.310
● 0443163951B	1	290	2.670	2.050	1.270	72K6746	13.270	12.280
● 0443164051B	1	290	3.180	2.570	1.270	72K6747	27.020	25.000
● 0461164181	1	205	1.142	0.514	1.28	96H8973	4.860	4.490

ROUND CABLE CORES WITH CASES

● 0443164251B	2	275	0.705	0.200	1.272	91F6476	4.770	4.420
● 0443167251	2	225	0.870	0.400	1.272	72K6749	2.100	1.950
● 0444167281	4	210	0.933	0.400	1.550	93B1123	2.030	1.880
● 0444173551	2	94	1.150	0.740	1.650	73K2458	3.250	3.000
● 0444176451	4	175	1.520	0.722	1.870	78K6137	7.050	6.520
● 0443625006B	3	113	0.972	0.300	0.898	72K6751	5.180	4.790
● 0443665806B	3	88	1.035	0.375	0.843	91F6479	3.170	2.930
● 0443665806	3	88	1.035	0.362	0.843	81C7667	1.530	1.410
● 0443625006	3	113	0.972	0.311	0.898	98B2768	1.080	0.999
● 0443806406B	3	90	1.350	0.600	0.835	91F6481	5.580	5.160
● 0443806406	3	90	1.350	0.591	0.835	61H8872	1.670	1.550
● 0444164951	4	245	0.680	0.200	1.424	16F002	1.520	1.400

➔ CONTINUED ➔

FERRITE CABLE CORES/SLEEVES

EMI SUPPRESSION CORES WITH CASES (CONT.)

ROUND CABLE CORES WITH CASES

Mfg. Part No.	Fig.	Z (Ω) @ 100MHz	Dimensions (in.)			Stock No.	Price Each	
			A	B	C		1-9	10-49
● 0444164951B	4	245	0.680	0.200	1.420	72K6753	3.220	2.980
● 0444177081	4	338	2.220	1.000	1.690	72K6754	16.420	15.190

(7341)

HINGED CLAMP CORES

Specifications

- Frequency range: 10MHz to 300MHz
- Case material: Black Nylon 66 to UL94V-0
- Insulation resistance: 10MΩ (min) between case and cores

A range of easy to fit data line filters, providing a simple solution to the problems of radiated noise emissions generated by electronic equipment. The filter simply clips around the cable to be shielded, and locks closed with no need to disconnect the cable, or remove connectors. No grounding is required, unlike with cable shields.



Mfg. Part No.	Dimensions (mm)			Z (Ω)		Cable Diameter (mm)
	L	W	H	@ 25MHz	@ 100MHz	
● LF-65B	32	19.5	19	135	220	6.5
● LF-100B	32	24.5	23	90	190	10
● LF-130B	32	31.5	30	105	190	13

Mfg. Part No.	Dimensions (mm)		Z (Ω)		Cable Diameter (mm)
	L	∅	@ 25MHz	@ 100MHz	
● LF35B	25.2	14.5	4.5	115	3.5
● LF50B	29.6	16	45	115	5.0

RECTANGULAR

Mfg. Part No.	Stock No.	Price Each	
		1-99	100-499
● LF-65B	97K3064	1.690	
● LF-100B	97K3063	1.780	
● LF-130B	93K7989	2.250	

(116507)

OVAL

● LF35B	97K3067	1.340
● LF50B	97K3076	1.530

(116507)

ROUND CABLE SNAP-ITS

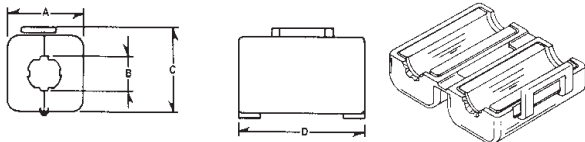


Round cable Snap-Its can accommodate round cable with diameters from 0.160" to 0.750". Can be used to suppress frequencies up to 500MHz. These cable cores will provide common-mode filtering for multi-strand cable and differential mode filtering for single conductors.

Mfg. Part No.	Cable Max Dia.	Z (Ω) @ 100MHz	Stock No.	Price Each	
				1-9	10-49
● 0431164951	0.21"	280	90B5610	2.030	1.760
● 0431164281	0.275"	310	73K6078	2.260	1.960
● 0431167281	0.41"	240	72K6744	2.760	2.390
● 0431173551	0.75"	220	96B5352	5.280	4.580
● 0431173951	0.21"	180	90B5618	1.390	1.210
● 0431176451	0.736"	380	03H8829	10.220	8.860
● 0431177081	1.02"	375	54H0362	17.260	14.960

(80225)

SPLIT SLEEVE EMI SUPPRESSION CORES WITH PLASTIC CASE



Suppression cores for round cables attenuate any form of EMI emission. Nylon case for easy assembly. Ideal for use in equipment where retrofit and test are a necessity. Impedance values based on single-turn measurements.

Mfg. Part No.	Dimensions (mm)				Z (Ω)		Cable Diameter (mm)	
	A	B	C	D	@ 25MHz	@ 100MHz	From	To
● SPC5302	19.8	6.5	19.2	32.7	133	308	5.5	6.5
● SPC5300	30.5	13.05	30.3	32.7	137	268	12	13

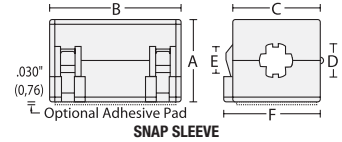
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SPLIT SLEEVE EMI SUPPRESSION CORES WITH PLASTIC CASE (CONT.)

Mfg. Part No.	Stock No.	Price Each			
		1-49	50-99	100-249	250-499
● SPC5302	50N668	2.820	2.430	2.180	1.980
● SPC5300	50N666	5.400	4.640	4.180	3.800

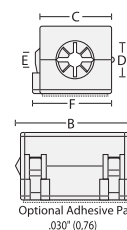
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SPLIT SLEEVE SNAP FERRITES FOR ROUND CABLES UP TO 1GHz



SNAP SLEEVE

SNAP SLEEVE



VARIABLE DIAMETER END PORTS

VARIABLE DIAMETER END PORTS

Perfect for USB and RFID Applications

SNAP SLEEVE

Mfg. Part No.	Dimensions (in.)						Z (Ohms) @ 100MHz	Stock No.	Price Each
	A	B	C	D	E	F			
● SS28B2033	0.79	1.265	0.77	0.29	0.885	200	02M1866	9.520	
● SS28B2036	1.55	1.25	1.125	0.35	1.23	230	02M1872	14.930	
● SS28B2041	0.965	1.285	0.93	0.38	1.035	238	02M1875	13.040	
● SS28B2040	1.155	1.25	1.125	0.48	1.23	230	02M1874	14.930	

VARIABLE DIAMETER END PORTS

● SS28B2034	0.585	1.25	0.585	0.12	0.68	220	02M1867	8.350
● SS28B2037	0.79	1.45	0.77	0.2	0.885	200	02M1873	10.260
● SS28B2042	0.965	1.48	0.93	0.17	1.035	238	02M1876	12.020
● SS28B2032	1.155	1.45	1.125	0.2	1.23	230	02M1865	15.970
● SS28B2044	1.7	1.8	1.8	0.2	1.83	260	02M1878	33.130

VARIABLE DIAMETER END PORTS FOR USB CABLE

● USB28B2034K	.585	1.25	.585	0.12	0.68	220	02M1922	9.230
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(89350)



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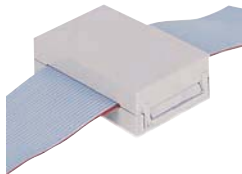
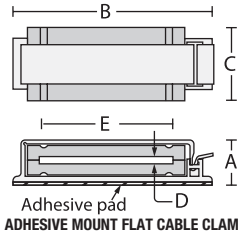
FERRITE CABLE CORES/SLEEVES • SHIELDING FABRICS/GASKETS • INDUCTOR/FERRITE KITS

2

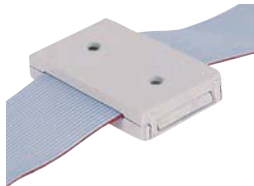
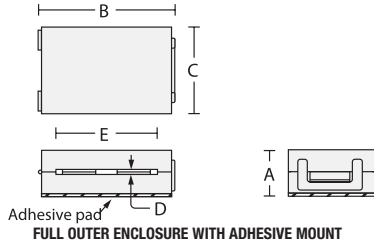
UNIVERSAL WIDEBAND CABLE CLAMP FERRITES FOR FLAT CABLES UP TO 1GHz



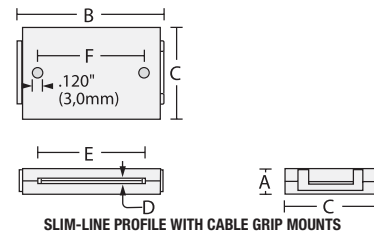
ADHESIVE MOUNT FLAT CABLE CLAMP



FULL OUTER ENCLOSURE WITH ADHESIVE MOUNT



SLIM-LINE PROFILE WITH CABLE GRIP MOUNTS



Adhesive mount flat cable clamp - Ferrite assembly bonded in nylon mounting clamp; easily installed by peeling protective paper strip from base and pressing into place. Non-adhesive mount available please call.
Full outer enclosure with adhesive mounts - Internal grip-lock tabs apply pressure on cable to maintain mounting position. Installs easily on any mounting surface by removing liner from foam adhesive base pad. Excellent for flex-circuits.
Slim-line profile with cable grip mounts - Ferrite pair snaps together into the lowest profile nylon enclosure available. Internal grip-lock tabs maintain mounting position. Mounts also with flathead screws through the .120" (3,0mm) diameter holes in the bottom by temporarily removing the lower ferrite half.

ADHESIVE MOUNT FLAT CABLE CLAMP

Mfg. Part No.	Dimensions (in.)						Z (Ohms) @ 100MHz	Stock No.	Price Each
	A	B	C	D	E	F			
● FA28B0071	0.52	1.244	0.75	.060	0.51	...	49	02M1404	10.350
● FA28B0121	0.52	1.79	0.75	.060	1.01	...	97	02M1405	11.230
● FA28B1729	0.8	2.43	1.125	.060	1.355	...	200	02M1408	18.170
● FA28B2480	0.8	3.18	1.125	.060	2.047	...	250	02M1413	22.410
● FA28B3012	0.8	3.7	1.125	.060	2.54	...	286	02M1417	24.970

FULL OUTER ENCLOSURE WITH ADHESIVE MOUNT

● RA28B1729	0.7	2.03	1.312	.060	1.355	...	200	02M1625	17.960
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SLIM-LINE PROFILE WITH CABLE GRIP MOUNTS

● RC28B1265	0.37	1.312	1.56	.038	1.047	0.95	148	02M1637	8.600
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FLAT CABLE CLAMP WITH FULL OUTER ENCLOSURE

● RA28B2480	0.7	2.76	1.312	0.6	2.047	...	250	02M1627	21.660
● RA28B3012	0.7	3.26	1.312	0.6	0.54	...	286	02M1628	24.760
● RA28B4340	0.785	4.61	1.312	0.104	3.24	...	325	02M1629	36.650

SLIM-LINE FLAT CABLE CLAMP WITH CABLE GRIP OPENINGS.

● RC28B0765	0.37	1.065	1.312	0.038	0.547	0.25	142	02M1636	8.060
● RC28B2265	0.37	1.56	1.312	0.038	2.047	1.75	158	02M1639	10.510

(89347)

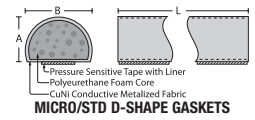
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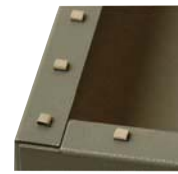
METALIZED FABRIC OVER FOAM EMI - RFI SHIELDING GASKETS



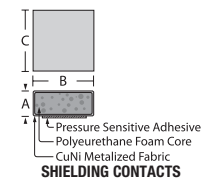
MICRO/STD D-SHAPE GASKETS



LOW PROFILE RECTANGULAR GASKETS



SHIELDING CONTACTS



Specifications

- Foam Core: open-cell polyurethane foam
- Metalized Fabric: nickel plate over copper substrate
- Service Temperature: -40°F to 158°F (-40°C to +70°C)
- Compression Set: 2.6% (ASTM D3574)
- Compression Deflection Force: 1.47 p.s.i. (ASTM D3574)

- Shielding Effectiveness: 100dB @ 1GHz
- Surface Resistivity: 0.005 - 0.010 ohm/in. in
- Includes a very high bond pressure sensitive tape
- Flammability: UL94-V0

D-SHAPE RFI SHIELDING GASKETS

Mfg. Part No.	Dimensions (in.)			Stock No.	Price Each
	A	B	L		
● SG187250D-24	0.187	0.25	24	02M1793	7.570
● SG250375D-24	0.25	0.375	24	02M1800	9.200
● SG375500D-24	0.375	0.5	24	02M1806	12.210

MICRO D-SHAPE RFI SHIELDING GASKETS

● SG125187D-24	0.125	0.187	24	02M1785	6.110
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LOW PROFILE RECTANGULAR RFI SHIELDING GASKETS

● SG060125R-24	0.06	0.125	24	02M1781	4.260
● SG125250R-24	0.125	0.25	24	02M1787	6.390
● SG187375R-24	0.187	0.375	24	02M1795	8.330

SHIELDING CONTACTS WITH VERY HIGH BOND PRESSURE SENSITIVE ADHESIVE MOUNTING

Mfg. Part No.	Dimensions (in.)			Stock No.	Price Each
	A	B	C		
● SC060138R	0.06	0.138	0.138	02M1742	0.589

(89339)

FERRITE KITS



SPC12271



SPC12272

Mfg. part no. **SPC12271** for quick and easy EMI suppression evaluation. The **SPC12271** contains split cores for round and flat cable as well as solid cores for flat cable. The split cores for round cables are held in a plastic case that snaps shut over the cable for a retro-fit design. The split cores for flat cable are held together with a spring clip for retro-fit design. Kit contains 32 sizes.

Mfg. Part No.	Stock No.	Price Each
● SPC12271	08H0339	290.400

Mfg. part no. **SPC12272** Kit for quick and easy EMI suppression evaluation. The **SPC12272** contains solid cores for round cables of numerous sizes. The kit offers toroidal and bead cores ranging from a 61.4mm OD down to a 3mm OD with lengths from 2mm up to 28.57mm. Kit contains 51 sizes.

● SPC12272	08H0340	290.400
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(74269)

INDUCTOR/FERRITE KITS • PCB MOUNT FILTERS

EMI SUPPRESSION EVALUATION KITS



Expanded Cable and Connector EMI Suppressor Kit. Specifically designed to attenuate EMI in all types of cable-connected systems. Features 82 components, including a variety of shield beads, one- and two-piece cable suppressor cores and multi-hole suppressor plates for connectors. Made of "Type 43" material, which provides high impedance over a wide frequency range. Includes nylon cases and steel clips for assembly of split cable suppressor cores.

Chip Beads Kit. Surface mount beads in 4 EIA standard package sizes. Assorted current chip beads are suitable for hand and reflow solder processes. Ideal for suppressing EMI in computers, cellular phones, digital communications, pagers, TV and VCRs. 100% controlled impedance and DCR.

Mfg. Part No.	Description	Stock No.	Price Each
● 019900005	Expanded Cable and Connector EMI Suppressor Kit	95F755	125.960
● 019900018	Chip Beads Kit	83F7366	62.040
● 019900034	Expanded Snap-in Kit	05H9900	161.680
● 019900017	Snap-In Cable Connector Kit	25C0483	74.260

(7340)

PSM AND SSM SERIES LOW PASS EMI FILTERS



Applications

- Telecommunication equipment
- PC and peripheral equipment
- Digital AV equipment
- Power amplifiers
- Power supplies
- High current bus lines

Specifications

- Current Rating: 10A
- Voltage Rating: 350VDC
- Operating Temperature: -55°C to +125°C
- Leakage Current: 1mA

PSM SERIES ROUND SMD FILTERS - PI CONFIGURATION

Mfg. Part No.	Current Rating (A)	Capacitance (nF)	Stock No.	Price Each
● PSM1-101M-10B	10	100	05R6062	2.920
● PSM1-152M-10T0	10	1500	05R6063	2.920
● PSM1-402Z-10T0	10	4000	72K5852	3.070

PSM SERIES ROUND SMD FILTERS - FEED-THRU CONFIGURATION

Mfg. Part No.	Current Rating (A)	Capacitance (nF)	Stock No.	Price Each
● PSM4-101M-10B	10	100	05R6065	2.420
● PSM4-402Z-10T0	10	4000	05R6067	2.420
● PSM4-103Z-20T0	20	10000	56J9286	4.080

SSM SERIES SQUARE SMD FILTERS - PI CONFIGURATION

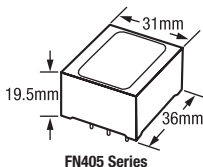
Mfg. Part No.	Current Rating (A)	Capacitance (nF)	Stock No.	Price Each
● SSM1-202P-10T1	10	2000	05R6068	2.230
● SSM1-402Z-10T1	10	4000	05R6069	2.230
● SSM1-822Z-10T1	10	8200	05R6070	2.340

(147145)

FN405 SERIES PC MOUNT FILTERS



Horizontal PC mount filters for smaller systems. 250VAC rated with maximum leakage current of 0.5mA @ 220VAC/50Hz. General purpose filter for situations where space is critical. FN405 series attenuates common mode and differential mode noise in the 150kHz to 30MHz range.



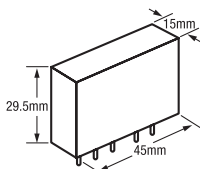
Mfg. Part No.	I (A)	L (mH)	Cx (µF)	Cy (pF)	Stock No.	Price Each		
● FN405-1/02	1	10	0.015	2200	37K6085	13.270	11.620	9.280
● FN405-3/02	3	2	0.015	2200	37K6086	14.260	12.490	9.980

(7468)

FN406 SERIES VERTICAL PC MOUNT FILTERS



Vertical PC mount, single stage filters for situations where space is critical. General-purpose filter for small systems. Dimensions: 1.8W x 1.1H x 0.6" D. 250VAC rating with maximum leakage current of 0.5mA. Attenuates 150kHz to 30MHz.



Mfg. Part No.	I (A)	Cx (µF)	Cy (nF)	Stock No.	Price Each		
● FN406-0.5/02	0.5	0.1	2.2	20M8074	14.600	12.790	10.210
● FN406-1/02	1	0.1	2.2	92F5327	14.600	12.790	10.210
● FN406-3/02	3	0.1	2.2	69M3597	14.600	12.790	10.210
● FN406-6/02	6	0.1	2.2	92F5329	13.790	12.080	9.650

(7575)

CORCOM EDP AND EOP SERIES PC BOARD MOUNT RFI FILTERS



Just Added

2

- Space-saving compact design
- Low leakage current for European safety requirements
- Maximum leakage current, each line to ground @ 120VAC 60Hz: 0.22mA @ 250VAC 50Hz: 0.38mA
- Current rating: 16A
- Voltage rating: 250VAC max.
- Operating frequency: 50/60 Hz

EDP series PC board mountable RFI filters provide enhanced differential mode performance for applications requiring more line-to-line protection. EOP series general-purpose RFI power line filters are effective in removing both common and differential mode noise for susceptibility applications. Both series are UL recognized, CSA certified, VDE approved.

EDP SERIES — 0.95" H x 1.44" W x 1.24" D

Mfg. Part No.	Current (A)	Stock No.	Price Each
● 1EDP	1	99M1040	16.540
● 10EDP	10	99M1043	15.480

EOP SERIES — 0.78" H x 1.44" W x 1.24" D

Mfg. Part No.	Current (A)	Stock No.	Price Each
● 1EOP	1	99M1041	12.880

(147668)

EMI T SERIES NETWORK FILTERS



Features

- Ferrite beads and chip capacitor T network EMI filters
- Excellent noise filtering

Specifications

- Tolerance: ±20%
- Current Rating: 5A
- Voltage Rating: 50VDC
- DC resistance: 0.05 ohms max.
- Insulation resistance: 10 Gohms @ 50VDC
- Dielectric withstanding voltage: 125VDC

Applications

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

Mfg. Part No.	Cap. (pF)	Freq. Range @15dB (MHz)		Frequency @25dB (MHz)		Stock No.	Price Each		
		Min.	Max.	Min.	Max.		1-99	100-499	500-999
● EM1220T-RC	22	800	1000	200	800	86K1273	0.483	0.435	0.362
● EM1470T-RC	47	550	700	350	800	86K1278	0.483	0.435	0.362
● EM1101T-RC	100	350	500	200	800	86K1272	0.483	0.435	0.362
● EM1221T-RC	220	200	350	100	800	86K1274	0.483	0.435	0.362
● EM1471T-RC	470	120	300	50	800	43K5051	0.483	0.435	0.362
● EM1102T-RC	1000	70	200	30	800	97M3816	0.483	0.435	0.362
● EM1222T-RC	2200	45	200	20	800	86K1275	0.483	0.435	0.362

(136280)

SURFACE MOUNT FILTERS



Applications

- Satellite
- Automotive
- Wireless solutions (WLAN, Bluetooth, HomeRF, 5.5 GHz ISM & UNII)

Specifications

- Impedance: 50Ω
- Frequency: Up to 5900 MHz
- Operating Temperature: -40°C to +85°C
- Power rating: 3W; 500mW



2450MHz BAND PASS FILTER

Mfg. Part No.	Frequency (MHz)	Insertion Loss (dB)	Package	Stock No.	Price Each	
● 2450BP07A0100T	2400	2500	1.3	0603	11N6601	0.489 0.424

2450MHz HIGH PASS FILTER

● 2450HP14A100T	2445	2500	1	0603	11N6603	0.515 0.447
● 2450HP15A100E	2400	2500	0.85	0805	11N6605	0.874 0.759

2450MHz LOW PASS FILTER

● 2450LP14A100T†	2400	2500	0.5	0603	11N6607	0.926 0.804
● 2450LP14B100T‡	2400	2500	0.5	0603	11N6609	0.515 0.447
● 2450LP15A050E	2400	2500	0.5	0805	11N6610	0.463 0.402

5500MHz BAND PASS FILTER

● 5130BP18U4060E	3100	7160	1.6	1206	11N6611	1.190 1.030
● 5487BP15C675E	5150	5825	1.8	0805	11N6617	0.515 0.447
● 5151BP15B725E	5150	5875	1.5	0805	11N6619	0.437 0.380
● 5151BP15B730E	5150	5875	2.8	0805	11N6621	0.515 0.447
● 5151BP15B975E	4900	5875	1.5	0805	11N6623	0.437 0.380
● 5151BP15C1020E	4900	5920	1.5	0805	11N6624	0.360 0.313
● 5151BP15C725E	5150	5875	2	0805	11N6626	0.437 0.380
● 5151BP15C975E	4900	5875	2	0805	72K6855	0.360 0.313
● 5487BP15B675E	5150	5825	1.8	0805	94C4634	0.515 0.447

▶ CONTINUED ▶

PCB MOUNT FILTERS • PCB MOUNT ANTENNAS

SURFACE MOUNT FILTERS (CONT.)

5500MHz LOW PASS FILTER

Mfg. Part No.	Frequency (MHz)		Insertion Loss (dB)	Package	Stock No.	Price Each	
	Min.	Max.				1-9	10-99
● 5515LP15A730E	5150	5875	0.5	0805	11N6628	0.463	0.402

† = Attenuation of 25dB @ 2 x Frequency
‡ = Attenuation of 35dB @ 2 x Frequency
(132427)

2400MHz - 5900MHz BALUNS



Specifications

- Return Loss (nom.): 9.5dB
- Amplitude Difference: 2dB
- Phase Difference: 180°±10°
- Operating Temperature: -40°C to +85°C



2400MHz - 2500MHz BALUNS

Mfg. Part No.	Freq. Range (MHz)		Impedance Unbal./Bal.	Insertion Loss Max. (dB)	Package	Stock No.	Price Each	
	Min.	Max.					1-9	10-99
● 2450BL14B050T	2400	2500	50/50	1.5	0603	11N6595	0.363	0.313
● 2450BL14B100T	2400	2500	50/100	1.3	0603	11N6596	0.519	0.447
● 2450BL14B200T	2400	2500	50/200	1.2	0603	11N6597	0.519	0.447
● 2450BL14C050T	2400	2500	50/50	1.2	0603	11N6598	0.244	0.210
● 2450BL14C100T	2400	2500	50/100	1.2	0603	11N6599	0.363	0.313
● 2450BL14C200T	2400	2500	50/200	1.3	0603	11N6600	0.363	0.313
● 2450BL15B050E	2400	2500	50/50	1	0805	11N6649	0.228	0.197
● 2450BL15B100E	2400	2500	50/100	1	0805	11N6651	0.228	0.197
● 2450BL15B150E	2400	2500	50/150	1	0805	11N6652	0.363	0.313
● 2450BL15B200E	2400	2500	50/200	1	0805	11N6654	0.228	0.197
● 2450BL15K050E	2400	2500	50/50	1.2	0805	11N6655	0.244	0.210
● 2450BL15K100E	2400	2500	50/100	1	0805	11N6657	0.519	0.447

4900MHz - 5900MHz BALUNS

● 5400BL14B100T	4900	5875	50/100	1	0603	11N6670	0.244	0.210
● 5400BL15B050E	4900	5900	50/50	1	0805	11N6672	0.519	0.447
● 5400BL15B100E	4900	5900	50/100	1	0805	11N6674	0.519	0.447
● 5400BL15B200E	4900	5900	50/200	1	0805	11N6675	0.519	0.447
● 5400BL15K050E	4900	5875	50/50	1.2	0805	11N6677	0.244	0.210
● 5250BL14B100T	5150	5350	50/100	1	0603	11N6664	0.778	0.670
● 5250BL15B100E	5150	5350	50/100	1.2	0805	11N6666	0.519	0.447
● 5325BL15B050E	5150	5500	50/50	1	0805	11N6668	0.519	0.447
● 5512BL15B100E	5150	5875	50/100	1	0805	11N6679	0.337	0.290
● 5800BL15B100E	5725	5875	50/100	1	0805	11N6681	0.519	0.447

(138019)

HIGH CURRENT DC SINGLE LINE BOLT-IN FILTERS

Just Added



Features

- Excellent filtering in compact package
- Bolt-in style with D-shaped bushing for easy installation
- Design flexibility
- Low cost EMI solution
- UL and Semko approved

Specifications

- Current rating: Up to 300A
- Voltage Rating: 250VDC
- Operating Temp. Range: -40°C to +85°C

Applications

- Power supplies
- Medical Equipment
- Industrial equipment controls
- Data Transmission Equipment
- Telecommunications (cellular base stations, telephone switching racks, etc.)

C CONFIGURATION W/ CLASS Y4 CAPACITORS

Mfg. Part No.	Current Rating (A)	Cap. (nF)	Insertion Loss (dB)						Stock No.	Price Each	
			@ 0.01 MHz	@ 0.1 MHz	@ 1 MHz	@ 10 MHz	@ 100 MHz	@ 1 GHz		1-9	10-99
● 52F226-021-16	16	47	-	-	-	-	-	74	05R6078	49.810	
● 52F226-021-32	32	47	-	2	15	34	53	74	05R6082	51.800	
● 52F226-021-63	63	47	-	-	-	-	-	74	05R6083	53.270	
● 52F226-021-100	100	100	-	5	21	40	60	85	05R6077	69.270	

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HIGH CURRENT DC SINGLE LINE BOLT-IN FILTERS (CONT.)

Mfg. Part No.	Current Rating (A)	Cap. (nF)	Insertion Loss (dB)						Stock No.	Price Each	
			@ 0.01 MHz	@ 0.1 MHz	@ 1 MHz	@ 10 MHz	@ 100 MHz	@ 1 GHz		1-9	10-99
● 52F226-021-200	200	470	2	-	-	-	-	75	05R6079	77.640	
● 52F226-021-250	250	470	2	16	33	52	75	75	05R6080	121.700	
● 52F226-021-300	300	470	2	-	-	-	-	75	05R6081	139.280	

PI CONFIGURATION W/ CLASS Y4 CAPACITORS

● 52F226-020-10	10	10	-	-	-	23	-	90	05R6084	77.410
● 52F226-020-16	16	10	-	0.5	8	35	70	90	05R6086	84.200
● 52F226-020-32	32	10	-	2	10	23	50	90	97M4722	90.930
● 52F226-020-63	63	100	-	8	27	67	-	90	05R6089	99.480
● 52F226-020-100	100	470	4	21	-	70	90	90	05R6085	103.890
● 52F226-020-200	200	470	7	23	-	60	-	90	05R6087	125.300

(148573)

PA25 SERIES 25mm SQUARE RF PATCH ANTENNAS



Features

- Low return loss
- Uniform dielectric constant
- Offset single-point feeding method
- Silver plated electrode and probe

Specifications

- Operating Temperature: -40°C to +105°C
- Impedance: 50 ohm

Mfg. Part No.	Center Frequency (MHz)	2:1 VSWR Bandwidth (MHz)	Gain (dB)	Stock No.	Price Each	
					1-9	10-99
● PA251575008SALF	1575	20	2.5	05R6059	6.950	
● PA251579008SALF	1579	20	2.5	05R6060	7.090	
● PA251615025SALF	1615	125	3	05R6061	12.000	
● PA251621025SALF	1621	25	4	05N1134	15.000	

(147281)

CERAMIC CHIP ANTENNAS



Applications

- Wireless communication (Bluetooth, UNII, Wi-Fi)

Specifications

- Impedance: 50Ω
- Frequency: Up to 5900 MHz
- Operating Temperature: -40°C to +85°C
- Power rating: 3W; 500mW (5400AT18A1000E only)
- Return loss: 9.5dB; 8.5dB (2450AD46A5400E only)



5500MHz ANTENNA

Mfg. Part No.	Frequency (MHz)		Stock No.	Price Each	
	Min.	Max.		1-9	10-99
● 5250AT43A200E	5150	5350	11N6613	0.845	0.733
● 5400AT18A1000E	4900	5900	11N6615	0.473	0.411
● 5775AT43A100E	5725	5825	11N6629	0.845	0.733

2400/ 5500MHz DUALBAND ANTENNA

● 2450AD46A5400E	2400	5900	11N6593	0.977	0.849
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