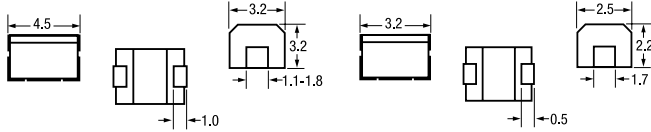


POWER INDUCTORS – SMD

PM SERIES
SURFACE MOUNT
CHIP INDUCTORS



PM1812 Series

PM1210 Series

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	
								1-99	100-499
PM1210-R010K-RC	10	15	100	2.5	0.13	450	63K3066	0.358	0.327
PM1210-R012K-RC	12	17	100	2.3	0.14	450	63K3067	0.358	0.327
PM1210-R015K-RC	15	19	100	2.1	0.16	450	63K3068	0.358	0.327
PM1210-R018K-RC	18	21	100	1.9	0.18	450	63K3069	0.358	0.327
PM1210-R022K-RC	22	23	100	1.7	0.20	450	63K3070	0.358	0.327
PM1210-R027K-RC	27	23	100	1.5	0.22	450	63K3071	0.358	0.327
PM1210-R033J-RC	33	25	100	1.4	0.24	450	63K3072	0.358	0.327
PM1210-R039J-RC	39	25	100	1.3	0.27	450	63K3073	0.358	0.327
PM1210-R047J-RC	47	26	100	1.2	0.30	450	63K3074	0.358	0.327
PM1210-R056J-RC	56	26	100	1.1	0.33	450	63K3075	0.358	0.327
PM1210-R068J-RC	68	27	100	1	0.36	450	63K3076	0.358	0.327
PM1210-R082J-RC	82	27	100	900	0.40	450	63K3077	0.358	0.327
PM1210-R10J-RC	100	28	100	700	0.44	450	63K3078	0.358	0.327
PM1210-R12J-RC	120	28	25.2	500	0.22	450	63K3079	0.358	0.327
PM1210-R15J-RC	150	28	25.2	450	0.25	450	63K3080	0.358	0.327
PM1210-R18J-RC	180	28	25.2	400	0.28	450	63K3081	0.358	0.327
PM1210-R22J-RC	220	28	25.2	350	0.32	450	63K3082	0.358	0.327
PM1210-R27J-RC	270	28	25.2	320	0.36	450	63K3083	0.358	0.327
PM1210-R33J-RC	330	28	25.2	300	0.40	450	63K3084	0.358	0.327
PM1210-R39J-RC	390	28	25.2	250	0.45	450	63K3085	0.358	0.327
PM1210-R47J-RC	470	28	25.2	220	0.50	450	63K3086	0.358	0.327
PM1210-R56J-RC	560	28	25.2	180	0.55	450	63K3087	0.358	0.327
PM1210-R68J-RC	680	28	25.2	160	0.60	450	63K3088	0.358	0.327
PM1210-R82J-RC	820	28	25.2	140	0.65	450	63K3089	0.358	0.327
PM1210-1R0J-RC	1	28	7.96	120	0.70	400	63K3090	0.358	0.327
PM1210-1R2J-RC	1.2	28	7.96	100	0.75	390	63K3091	0.358	0.327
PM1210-1R5J-RC	1.5	28	7.96	85	0.85	370	63K3092	0.358	0.327
PM1210-1R8J-RC	1.8	28	7.96	80	0.90	350	63K3093	0.358	0.327
PM1210-2R2J-RC	2.2	30	7.96	75	1	320	63K3102	0.358	0.327
PM1210-2R7J-RC	2.7	30	2.52	70	1.1	290	63K3103	0.358	0.327
PM1210-3R3J-RC	3.3	30	7.96	60	1.2	260	63K3107	0.358	0.327
PM1210-3R9J-RC	3.9	30	2.52	55	1.3	250	63K3108	0.358	0.327
PM1210-4R7J-RC	4.7	30	7.96	50	1.7	220	63K3111	0.358	0.327
PM1210-5R6J-RC	5.6	30	2.52	47	1.8	200	63K3113	0.358	0.327
PM1210-6R8J-RC	6.8	30	2.52	43	2	180	63K3115	0.358	0.327
PM1210-8R2J-RC	8.2	30	2.52	40	2.3	170	63K3117	0.358	0.327
PM1210-100J-RC	10	30	2.52	36	2.5	150	63K3094	0.358	0.327
PM1210-120J-RC	12	30	2.52	33	2.8	140	63K3096	0.358	0.327
PM1210-150J-RC	15	30	2.52	30	3.2	130	63K3098	0.358	0.327
PM1210-180J-RC	18	30	2.52	27	3.6	120	63K3100	0.358	0.327
PM1210-220J-RC	22	30	2.52	25	4	110	63K3104	0.358	0.327
PM1210-270J-RC	27	30	2.52	20	5	80	63K3106	0.358	0.327
PM1210-330J-RC	33	30	2.52	17	5.6	70	63K3109	0.358	0.327
PM1210-390J-RC	39	30	2.52	16	6.4	65	63K3110	0.358	0.327
PM1210-470J-RC	47	30	2.52	15	7	60	63K3112	0.358	0.327
PM1210-560J-RC	56	30	2.52	13	8	55	63K3114	0.358	0.327
PM1210-680J-RC	68	30	2.52	12	9	50	63K3116	0.358	0.327
PM1210-820J-RC	82	30	2.52	11	10	45	63K3118	0.358	0.327
PM1210-101J-RC	100	20	0.796	10	10	40	63K3095	0.358	0.327
PM1210-121J-RC	120	20	0.796	10	11	70	63K3097	0.358	0.327
PM1210-151J-RC	150	20	0.796	8	15	65	63K3099	0.358	0.327
PM1210-181J-RC	180	20	0.796	7	17	60	63K3101	0.358	0.327
PM1210-221J-RC	220	20	0.796	7	21	50	63K3105	0.358	0.327

▶ CONTINUED ▶

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.	Price Each	
								1-99	100-499
PM1812-R10K-RC	100	28	25.2	300	0.18	800	63K3119	0.330	0.302
PM1812-R12K-RC	120	30	25.2	280	0.20	770	63K3120	0.330	0.302
PM1812-R15K-RC	150	30	25.2	250	0.22	730	63K3121	0.330	0.302
PM1812-R18K-RC	180	30	25.2	220	0.24	700	63K3122	0.330	0.302
PM1812-R22K-RC	220	30	25.2	200	0.25	665	63K3123	0.330	0.302
PM1812-R27K-RC	270	30	25.2	180	0.26	635	63K3124	0.330	0.302
PM1812-R33K-RC	330	30	25.2	165	0.28	605	63K3125	0.330	0.302
PM1812-R39K-RC	390	30	25.2	150	0.30	575	63K3126	0.330	0.302
PM1812-R47K-RC	470	30	25.2	145	0.32	545	63K3127	0.330	0.302
PM1812-R56K-RC	560	30	25.2	140	0.36	520	63K3128	0.330	0.302
PM1812-R68K-RC	680	30	25.2	135	0.40	500	63K3129	0.330	0.302
PM1812-R82K-RC	820	30	25.2	130	0.45	475	63K3130	0.330	0.302
PM1812-1R0J-RC	1	50	7.96	100	0.50	450	63K3131	0.330	0.302
PM1812-1R2J-RC	1.2	50	7.96	80	0.55	430	63K3132	0.330	0.302
PM1812-1R5J-RC	1.5	50	7.96	70	0.60	410	63K3133	0.330	0.302
PM1812-1R8J-RC	1.8	50	7.96	60	0.65	390	63K3134	0.330	0.302
PM1812-2R2J-RC	2.2	50	7.96	55	0.70	380	63K3144	0.330	0.302
PM1812-2R7J-RC	2.7	50	7.96	50	0.75	370	63K3145	0.240	0.192
PM1812-3R3J-RC	3.3	50	7.96	45	0.80	335	63K3150	0.330	0.302
PM1812-3R9J-RC	3.9	50	7.96	40	0.90	330	63K3151	0.330	0.302
PM1812-4R7J-RC	4.7	50	7.96	35	1	315	63K3156	0.330	0.302
PM1812-5R6J-RC	5.6	50	7.96	33	1.1	300	63K3159	0.330	0.302
PM1812-6R8J-RC	6.8	50	7.96	27	1.2	285	63K3162	0.330	0.302
PM1812-8R2J-RC	8.2	50	7.96	25	1.4	270	63K3165	0.330	0.302
PM1812-100J-RC	10	50	2.52	20	1.6	250	63K3135	0.330	0.302
PM1812-120J-RC	12	50	2.52	18	2	225	63K3138	0.330	0.302
PM1812-150J-RC	15	50	2.52	17	2.5	200	63K3140	0.330	0.302
PM1812-180J-RC	18	50	2.52	15	2.8	190	63K3142	0.330	0.302
PM1812-220J-RC	22	50	2.52	13	3.2	180	63K3146	0.330	0.302
PM1812-270J-RC	27	50	2.52	12	3.6	170	63K3148	0.330	0.302
PM1812-330J-RC	33	50	2.52	11	4	160	63K3152	0.330	0.302
PM1812-390J-RC	39	50	2.52	10	4.5	150	63K3154	0.330	0.302
PM1812-470J-RC	47	50	2.52	10	5	140	63K3157	0.330	0.302
PM1812-560J-RC	56	50	2.52	9	5.5	135	63K3160	0.330	0.302
PM1812-680J-RC	68	50	2.52	9	6	130	63K3163	0.330	0.302
PM1812-820J-RC	82	50	2.52	8	7	120	63K3166	0.330	0.302
PM1812-101J-RC	100	40	0.796	7	8	110	63K3136	0.330	0.302
PM1812-121J-RC	120	40	0.796	6	8	110	63K3139	0.330	0.302
PM1812-151J-RC	150	40	0.796	5	9	105	63K3141	0.330	0.302
PM1812-181J-RC	180	40	0.796	5	9.5	102	63K3143	0.330	0.302
PM1812-221J-RC	220	40	0.796	4	10	100	63K3147	0.330	0.302
PM1812-271J-RC	270	30	0.796	3	12	92	63K3149	0.330	0.302
PM1812-331J-RC	330	30	0.796	3	14	85	63K3153	0.330	0.302
PM1812-391J-RC	390	30	0.796	3	18	80	63K3155	0.330	0.302
PM1812-471J-RC	470	30	0.796	3	26	62	63K3158	0.330	0.302
PM1812-561J-RC	560	30	0.796	2	30	50	63K3161	0.330	0.302
PM1812-681J-RC	680	30	0.796	2	30	50	63K3164	0.330	0.302
PM1812-821J-RC	820	30	0.796	2	35	30	63K3167	0.330	0.302
PM1812-102J-RC	1	30	0.796	2	40	30	63K3137	0.330	0.302

(72677)

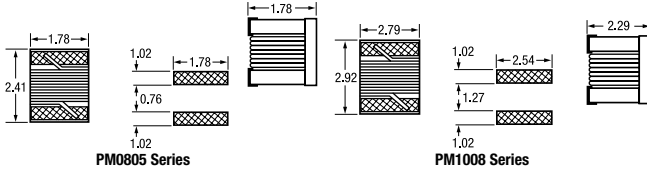
Download RoHS Certificates of Compliance.



Find C of Cs in the
Tech Info column
on our search results
pages. Visit us online
today.

(94662)

POWER INDUCTORS – SMD

PM0805 & PM1008
SERIES SURFACE
MOUNT CHIP
INDUCTORS

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.	1-99	100-499
● PM0805-2N2M-RC	2.2	250	15	0.08	600	63K3017	0.273	0.213
● PM0805-3N3M-RC	3.3	250	50	0.08	600	63K3020	0.273	0.213
● PM0805-6N8M-RC	6.8	250	50	0.11	600	63K3025	0.273	0.213
● PM0805-12NM-RC	12	250	50	0.15	600	63K3014	0.273	0.213
● PM0805-15NM-RC	15	250	50	0.17	600	63K3015	0.273	0.213
● PM0805-18NM-RC	18	250	50	0.20	600	63K3016	0.273	0.213
● PM0805-22NM-RC	22	250	55	0.22	500	63K3018	0.273	0.213
● PM0805-27NM-RC	27	250	55	0.25	500	63K3019	0.273	0.213
● PM0805-33NM-RC	33	250	60	0.27	500	63K3021	0.273	0.213
● PM0805-39NM-RC	39	250	60	0.29	500	63K3022	0.273	0.213
● PM0805-47NM-RC	47	200	60	0.31	500	63K3023	0.273	0.213

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

● PM0805-56NK-RC	56	200	60	0.34	500	63K3024	0.273	0.213
● PM0805-68NK-RC	68	200	60	0.38	500	63K3026	0.273	0.213
● PM0805-82NK-RC	82	150	65	0.42	400	63K3028	0.273	0.213

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

● PM0805-R10K-RC	100	150	65	0.46	400	63K3004	0.273	0.213
● PM0805-R12K-RC	120	150	50	0.51	400	63K3005	0.273	0.213
● PM0805-R15K-RC	150	100	50	0.56	400	63K3006	0.273	0.213
● PM0805-R18K-RC	180	100	50	0.64	400	63K3007	0.273	0.213
● PM0805-R22K-RC	220	100	50	0.70	400	63K3008	0.273	0.213
● PM0805-R27K-RC	270	100	40	1.1	280	63K3009	0.273	0.213
● PM0805-R33K-RC	330	100	40	1.2	260	63K3010	0.273	0.213
● PM0805-R39K-RC	390	100	40	1.5	200	63K3011	0.273	0.213
● PM0805-R47K-RC	470	100	40	2.5	170	63K3012	0.358	0.280
● PM0805-R56K-RC	560	50	40	3.5	170	63K3013	0.358	0.280

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

● PM1008-10NM-RC	10	50	50	0.08	1000	63K3045	0.323	0.246
● PM1008-12NM-RC	12	50	50	0.09	1000	63K3047	0.323	0.246
● PM1008-15NM-RC	15	50	50	0.10	1000	63K3048	0.323	0.246
● PM1008-18NM-RC	18	50	50	0.11	1000	63K3049	0.323	0.246
● PM1008-22NM-RC	22	50	55	0.12	1000	63K3052	0.323	0.246
● PM1008-27NM-RC	27	50	55	0.13	1000	63K3053	0.424	0.323
● PM1008-33NM-RC	33	50	60	0.14	1000	63K3056	0.323	0.246
● PM1008-39NM-RC	39	50	60	0.15	1000	63K3057	0.323	0.246
● PM1008-47NM-RC	47	50	65	0.16	1000	63K3059	0.323	0.246

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

● PM1008-56NK-RC	56	50	65	0.18	1000	63K3061	0.323	0.246
● PM1008-68NK-RC	68	50	65	0.20	1000	63K3063	0.323	0.246
● PM1008-82NK-RC	82	50	60	0.22	1000	63K3065	0.323	0.246

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

● PM1008-R10K-RC	100	25	60	0.56	650	63K3029	0.424	0.323
● PM1008-R12K-RC	120	25	60	0.68	650	63K3030	0.323	0.246
● PM1008-R15K-RC	150	25	45	0.70	580	63K3031	0.323	0.246
● PM1008-R18K-RC	180	25	45	0.77	620	63K3032	0.323	0.246
● PM1008-R22K-RC	220	25	45	0.84	500	63K3033	0.323	0.246
● PM1008-R27K-RC	270	25	45	0.91	500	63K3034	0.323	0.246
● PM1008-R33K-RC	330	25	45	1.05	450	63K3035	0.323	0.246
● PM1008-R39K-RC	390	25	45	1.12	470	63K3036	0.323	0.246
● PM1008-R47K-RC	470	25	45	1.19	470	63K3037	0.323	0.246
● PM1008-R56K-RC	560	25	45	1.33	400	63K3038	0.323	0.246
● PM1008-R68K-RC	680	25	45	1.47	400	63K3039	0.323	0.246
● PM1008-R82K-RC	820	25	45	1.61	400	63K3040	0.323	0.246
● PM1008-1R0K-RC	1	25	35	1.75	370	63K3041	0.323	0.246
● PM1008-1R2K-RC	1.2	7.9	35	2.0	340	63K3042	0.323	0.246
● PM1008-1R5K-RC	1.5	7.9	28	2.30	330	63K3043	0.323	0.246
● PM1008-1R8K-RC	1.8	7.9	28	2.60	300	63K3044	0.323	0.246

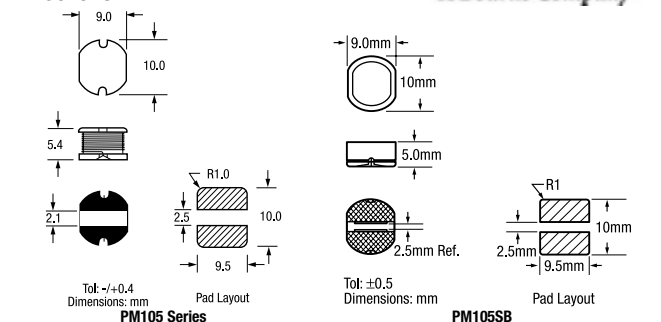
➔ CONTINUED ➔

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

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

Mfg. Part No.	L (Induct.)	Test Freq. (MHz)	Q min.	D _{CR} Max. (Ω)	I _{DC} (mA)	Tape Cut		
						Stock No.	1-99	100-499
● PM1008-2R2K-RC	2.2	7.9	28	2.80	290	63K3050	0.323	0.246
● PM1008-3R3K-RC	3.3	7.9	22	3.40	290	63K3054	0.323	0.246
● PM1008-3R9K-RC	3.9	7.9	20	3.60	260	63K3055	0.323	0.246
● PM1008-4R7K-RC	4.7	7.9	20	4.0	260	63K3058	0.323	0.246
● PM1008-5R6K-RC	5.6	7.9	20	7.0	200	63K3060	0.323	0.246
● PM1008-6R8K-RC	6.8	7.9	20	8.0	180	63K3062	0.323	0.246
● PM1008-8R2K-RC	8.2	7.9	20	9.50	150	63K3064	0.323	0.246
● PM1008-10K-RC	10	7.9	20	12.0	100	63K3046	0.323	0.246

(72679)

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.	Price Each		
						1-24	25-99	100-249
● PM105-100M-RC	10	2.52MHz	0.06	2.6	63K3495	1.320	1.190	0.958
● PM105-120M-RC	12	2.52MHz	0.07	2.45	63K3497	1.320	1.190	0.958
● PM105-150M-RC	15	2.52MHz	0.08	2.27	63K3499	1.320	1.190	0.958
● PM105-180M-RC	18	2.52MHz	0.09	2.15	63K3501	1.320	1.190	0.958
● PM105-220M-RC	22	2.52MHz	0.1	1.96	63K3503	1.320	1.190	0.958
● PM105-270M-RC	27	2.52MHz	0.11	1.76	63K3505	1.320	1.190	0.958
● PM105-330M-RC	33	2.52MHz	0.12	1.5	63K3507	1.320	1.190	0.958
● PM105-390M-RC	39	2.52MHz	0.14	1.37	63K3509	1.320	1.190	0.958

RoHS COMPLIANT — PM105 SERIES, ±10% TOLERANCE

● PM105-470K-RC	47	2.52MHz	0.17	1.28	63K3511	1.320	1.190	0.958
● PM105-560K-RC	56	2.52MHz	0.19	1.17	63K3513	1.320	1.190	0.958
● PM105-680K-RC	68	2.52MHz	0.22	1.11	63K3515	1.320	1.190	0.958
● PM105-820K-RC	82	2.52MHz	0.25	1	63K3517	1.320	1.190	0.958
● PM105-101K-RC	100	1kHz	0.35	0.97	63K3496	1.320	1.190	0.958
● PM105-121K-RC	120	1kHz	0.4	0.89	63K3498	1.320	1.190	0.958
● PM105-151K-RC	150	1kHz	0.47	0.78	63K3500	1.320	1.190	0.958
● PM105-181K-RC	180	1kHz	0.63	0.72	63K3502	1.320	1.190	0.958
● PM105-221K-RC	220	1kHz	0.73	0.66	63K3504	1.320	1.190	0.958
● PM105-271K-RC	270	1kHz	0.97	0.57	63K3506	1.320	1.190	0.958
● PM105-331K-RC	330	1kHz	1.15	0.52	63K3508	1.320	1.190	0.958
● PM105-391K-RC	390	1kHz	1.3	0.48	63K3510	1.320	1.190	0.958
● PM105-471K-RC	470	1kHz	1.48	0.42	63K3512	1.320	1.190	0.958
● PM105-561K-RC	560	1kHz	1.9	0.33	63K3514	1.320	1.190	0.958
● PM105-681K-RC	680	1kHz	2.25	0.28	63K3516	1.320	1.190	0.958
● PM105-821K-RC	820	1kHz	2.55	0.24	63K3518	1.320	1.190	0.958

RoHS COMPLIANT — PM105SB SERIES, ±20% TOLERANCE

● PM105SB-100M-RC	10	2.52MHz	0.06	2.06	63K3519	1.020	0.918	0.741
● PM105SB-120M-RC	12	2.52MHz	0.06	1.94	63K3521	1.020	0.918	0.741
● PM105SB-150M-RC	15	2.52MHz	0.07	1.72	63K3523	1.020	0.918	0.741
● PM105SB-180M-RC	18	2.52MHz	0.08	1.58	63K3525	1.020	0.918	0.741
● PM105SB-220M-RC	22	2.52MHz	0.09	1.42	63K3527	1.020	0.918	0.741
● PM105SB-270M-RC	27	2.52MHz	0.11	1.32	63K3529	1.020	0.918	0.741

➔ CONTINUED ➔

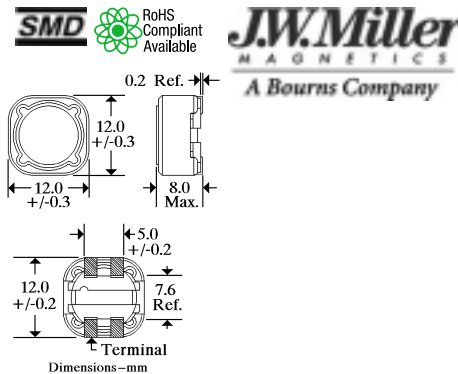
POWER INDUCTORS – SMD

PM105 AND PM105SB SERIES SURFACE MOUNT POWER INDUCTORS (CONT.)

RoHS COMPLIANT — PM105SB SERIES, ±15% TOLERANCE

Mfg. Part No.	L (Ind.) (μH)	Test Freq.	DCR Max. (Ω)	I _{DC} (A)	Tape Cut			
					Stock No.	Price Each		
						1-24	25-99	100-249
PM105SB-330L-RC	33	2.52MHz	0.11	1.16	63K3531	1.020	0.918	0.741
PM105SB-390L-RC	39	2.52MHz	0.12	1.1	63K3533	1.020	0.918	0.741
PM105SB-470L-RC	47	2.52MHz	0.14	1	63K3535	1.020	0.918	0.741
PM105SB-560L-RC	56	2.52MHz	0.19	0.93	63K3537	1.020	0.918	0.741
PM105SB-680L-RC	68	2.52MHz	0.21	0.85	63K3538	1.020	0.918	0.741
PM105SB-820L-RC	82	2.52MHz	0.28	0.79	63K3539	1.020	0.918	0.741
RoHS COMPLIANT — PM105SB SERIES, ±10% TOLERANCE								
PM105SB-101K-RC	100	1kHz	0.34	0.72	63K3520	1.020	0.918	0.741
PM105SB-121K-RC	120	1kHz	0.37	0.63	63K3522	1.020	0.918	0.741
PM105SB-151K-RC	150	1kHz	0.51	0.55	63K3524	1.020	0.918	0.741
PM105SB-181K-RC	180	1kHz	0.57	0.5	63K3526	1.020	0.918	0.741
PM105SB-221K-RC	220	1kHz	0.78	0.47	63K3528	1.020	0.918	0.741
PM105SB-271K-RC	270	1kHz	0.87	0.41	63K3530	1.020	0.918	0.741
PM105SB-331K-RC	330	1kHz	1.2	0.37	63K3532	1.020	0.918	0.741
PM105SB-391K-RC	390	1kHz	1.34	0.35	63K3534	1.020	0.918	0.741
PM105SB-471K-RC	470	1kHz	1.5	0.33	63K3536	1.020	0.918	0.741

(72682)

PM127SH SERIES
SHIELDED SMT
POWER INDUCTORS

PM127SH series power inductors uses "under the unit" mounting for extremely high-density packaging. All component volume is used as winding or magnetic media. Top surface consistency is ideal for pick-and-place production.

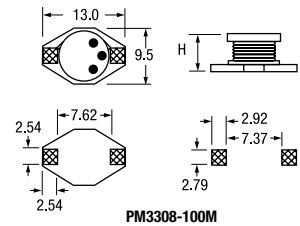
INDUCTANCE TOLERANCE: -20%/+40%, TEST FREQUENCY: 100KHz

Mfg. Part No.	L (Ind.) (μH)	DCR (Ω) Max.	I _{DC} (A)*	Tape Cut			Tape & Reel Reel Qty. 500	
				Stock No.	Price Each		Stock No.	Price Each
					1-24	25-99		
PM127SH-1R2N-RC	1.2	0.007	9.8	63K2794	0.917	0.825	63K2795	0.451
PM127SH-2R4N-RC	2.4	0.012	8	63K2800	0.917	0.825	63K2801	0.451
PM127SH-3R5N-RC	3.5	0.014	7.5	63K2806	0.917	0.825	63K2807	0.451
PM127SH-4R7N-RC	4.7	0.016	6.8	63K2810	0.917	0.825	63K2811	0.451
PM127SH-6R1N-RC	6.1	0.018	6.6	63K2814	0.917	0.825	63K2815	0.451
PM127SH-7R6N-RC	7.6	0.02	5.9	63K2816	0.917	0.825	63K2817	0.451
INDUCTANCE TOLERANCE: ±20%, TEST FREQUENCY: 1KHz								
PM127SH-100M-RC	10	0.022	5.4	63K2796	0.917	0.825	63K2797	0.451
PM127SH-150M-RC	15	0.027	4.5	63K2798	0.917	0.825	63K2799	0.451
PM127SH-220M-RC	22	0.043	3.6	63K2802	0.917	0.825	63K2803	0.451
PM127SH-270M-RC	27	0.046	3.4	63K2804	0.917	0.825	63K2805	0.451
PM127SH-330M-RC	33	0.065	3	63K2808	0.917	0.825	63K2809	0.451
PM127SH-470M-RC	47	0.1	2.5	63K2812	0.917	0.825	63K2813	0.451

*Current where inductance drops 10% or temperature rise is 20°C
(48684)

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	0.993	0.891	0.718
PM3308-150M-RC	15	0.15	2.0	1.5	63K3543	0.993	0.891	0.718
PM3308-220M-RC	22	0.23	1.6	1.3	63K3545	0.993	0.891	0.718
PM3308-330M-RC	33	0.30	1.4	1.1	63K3547	0.993	0.891	0.718
PM3308-470M-RC	47	0.39	1.0	0.8	63K3549	0.993	0.891	0.718
PM3308-680M-RC	68	0.66	0.9	0.7	63K3551	0.993	0.891	0.718
PM3308-101M-RC	100	0.84	0.7	0.6	63K3541	0.993	0.891	0.718
PM3308-151M-RC	150	1.2	0.6	0.5	63K3544	0.993	0.891	0.718
PM3308-221M-RC	220	1.9	0.5	0.4	63K3546	0.993	0.891	0.718
PM3308-331M-RC	330	2.7	0.4	0.3	63K3548	0.993	0.891	0.718
PM3308-471M-RC	470	4.0	0.3	0.2	63K3550	0.993	0.891	0.718
PM3308-681M-RC	680	5.3	0.2	0.1	63K3552	0.993	0.891	0.718
PM3308-102M-RC	1	8.4	0.1	.05	63K3542	0.993	0.891	0.718

PM3316 SERIES, ±20% TOLERANCE

PM3316-1R0M-RC	1	0.009	9.0	6.8	63K3553	0.701	0.629	0.507
PM3316-1R5M-RC	1.5	0.010	8.0	6.4	63K3554	0.701	0.629	0.507
PM3316-2R2M-RC	2.2	0.012	7.0	6.1	63K3560	0.701	0.629	0.507
PM3316-3R3M-RC	3.3	0.015	6.4	5.4	63K3563	0.701	0.629	0.507
PM3316-4R7M-RC	4.7	0.018	5.4	4.8	63K3566	0.701	0.629	0.507
PM3316-6R8M-RC	6.8	0.027	4.6	4.4	63K3569	0.701	0.629	0.507
PM3316-100M-RC	10	0.038	3.8	3.9	63K3555	0.701	0.629	0.507
PM3316-150M-RC	15	0.046	3.0	3.1	63K3558	0.701	0.629	0.507
PM3316-220M-RC	22	0.085	2.6	2.7	63K3561	0.701	0.629	0.507
PM3316-330M-RC	33	0.10	2.0	2.1	63K3564	0.701	0.629	0.507
PM3316-470M-RC	47	0.14	1.6	1.8	63K3567	0.701	0.629	0.507
PM3316-680M-RC	68	0.20	1.4	1.5	63K3570	0.701	0.629	0.507
PM3316-101M-RC	100	0.28	1.2	1.3	63K3556	0.701	0.629	0.507
PM3316-151M-RC	150	0.40	1.0	1	63K3559	0.701	0.629	0.507
PM3316-221M-RC	220	0.61	0.8	0.8	63K3562	0.701	0.629	0.507
PM3316-331M-RC	330	1.02	0.6	0.6	63K3565	0.701	0.629	0.507
PM3316-471M-RC	470	1.27	0.5	0.5	63K3568	0.701	0.629	0.507
PM3316-681M-RC	680	2.02	0.4	0.4	63K3571	0.701	0.629	0.507
PM3316-102M-RC	1	3.0	0.3	0.3	63K3557	0.701	0.629	0.507

PM3340 SERIES, ±20% TOLERANCE

PM3340-100M-RC	10	0.033	8.0	3.5	63K3572	1.030	0.917	0.739
PM3340-150M-RC	15	0.042	7.0	3	63K3575	1.030	0.917	0.739
PM3340-220M-RC	22	0.054	5.5	2.5	63K3577	1.030	0.917	0.739
PM3340-330M-RC	33	0.08	4.0	2.0	63K3579	1.030	0.917	0.739
PM3340-470M-RC	47	0.1	3.8	1.6	63K3581	1.030	0.917	0.739
PM3340-680M-RC	68	0.17	3.0	1.2	63K3583	1.030	0.917	0.739
PM3340-101M-RC	100	0.22	2.5	1.2	63K3573	1.030	0.917	0.739
PM3340-151M-RC	150	0.34	2.0	0.9	63K3576	1.030	0.917	0.739
PM3340-221M-RC	220	0.44	1.6	0.7	63K3578	1.030	0.917	0.739
PM3340-331M-RC	330	0.7	1.2	0.6	63K3580	1.030	0.917	0.739
PM3340-471M-RC	470	0.95	1.0	0.3	63K3582	1.030	0.917	0.739
PM3340-681M-RC	680	1.2	1.0	0.2	63K3584	1.030	0.917	0.739
PM3340-102M-RC	1	2.0	0.8	0.1	63K3574	1.030	0.917	0.739

(72681)

Talk to our
team of
engineers.

Chat live online with our
expert technical team or
connect to them by phone.
Go online or call us today.

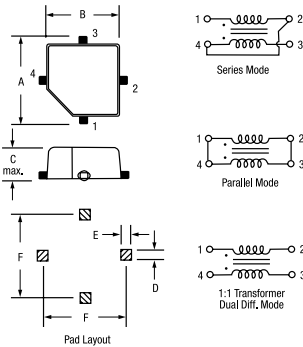
(94668)

POWER INDUCTORS – SMD

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	1.890
● PM3602-8-RC	8	6.1	1.9	32	23.2	0.95	63K3598	1.890
● PM3602-10-RC	10	7.4	1.83	40	29.6	0.92	63K3585	1.890
● PM3602-15-RC	15	11.1	1.45	60	44.4	0.73	63K3587	1.890
● PM3602-20-RC	20	15.2	1.25	80	60.8	0.63	63K3589	1.890
● PM3602-25-RC	25	18.5	1.17	100	74	0.59	63K3591	1.890
● PM3602-33-RC	33	24.8	0.98	132	99.2	0.49	63K3594	1.890
● PM3602-50-RC	50	37.5	0.78	200	150	0.38	63K3596	1.890
● PM3602-68-RC	68	49.6	0.72	272	198.4	0.36	63K3597	1.890
● PM3602-100-RC	100	74	0.58	400	296	0.29	63K3586	1.890
● PM3602-150-RC	150	111	0.47	600	444	0.24	63K3588	1.890
● PM3602-200-RC	200	150	0.4	800	600	0.2	63K3590	1.890
● PM3602-250-RC	250	192.5	0.33	1000	770	0.17	63K3592	1.890
● PM3602-300-RC	300	225	0.32	1200	900	0.16	63K3593	1.890
● PM3604-5-RC	5	3.8	3.3	20	15.2	1.65	63K3609	1.890
● PM3604-8-RC	8	5.8	3	32	23.2	1.5	63K3612	1.890
● PM3604-10-RC	10	7.3	2.7	40	29.2	1.35	63K3599	1.890
● PM3604-15-RC	15	11	2.2	60	44	1.1	63K3601	1.890
● PM3604-20-RC	20	14.2	2.02	80	56.8	1.01	63K3603	1.890
● PM3604-25-RC	25	17	1.91	100	68	0.96	63K3605	1.890
● PM3604-33-RC	33	23.1	1.6	132	92.4	0.8	63K3608	1.890
● PM3604-50-RC	50	35.5	1.28	200	142	0.64	63K3610	1.890
● PM3604-68-RC	68	46.2	1.19	272	184.8	0.6	63K3611	1.890
● PM3604-100-RC	100	68	0.98	400	272	0.49	63K3600	1.890
● PM3604-150-RC	150	103.5	0.78	600	414	0.39	63K3602	1.890
● PM3604-200-RC	200	140	0.65	800	560	0.33	63K3604	1.890
● PM3604-250-RC	250	172.5	0.6	1000	690	0.3	63K3606	1.890
● PM3604-300-RC	300	213	0.52	1200	852	0.26	63K3607	1.890

(72684)

Go online for 200,000+ datasheets.

Tech
Info



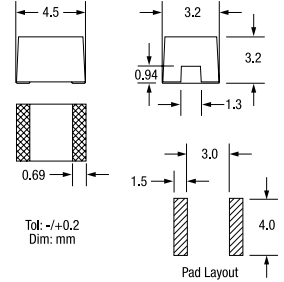
Click on this symbol
in your search results.
Visit us online today.

(94657)

PM40 SERIES 1812 CHIP INDUCTORS



PM40 series surface mount chip inductors have a molded construction for superior reliability. Superior environmental protection. Large terminal surface for strong PCB bonding. Standard EIA 1812 chip size. Operating temperature: -55°C to +125°C. Current to cause 20°C max. temperature rise.



PM40 SERIES: ±20% TOLERANCE

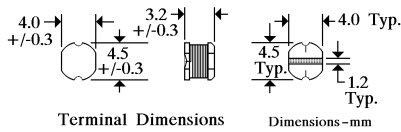
Mfg. Part No.	L (Induct.) (μH)	Test Freq. (MHz)	Q min.	DCR max. (Ω)	I _{DC} (mA)	Stock No.	Price Each	
PM40-R10M	0.1	28	25.2	0.44	450	28C8853	0.377	0.340
PM40-R12M	0.12	30	25.2	0.22	450	28C8854	0.372	0.336
PM40-R18M	0.18	30	25.2	0.28	450	28C8856	0.372	0.336
PM40-R22M	0.22	30	25.2	0.32	450	28C8857	0.372	0.336
PM40-R27M	0.27	30	25.2	0.36	450	28C8858	0.372	0.336
PM40-R33M	0.33	30	25.2	0.4	450	28C8859	0.377	0.340
PM40-R39M	0.39	30	25.2	0.45	450	28C8860	0.377	0.340
PM40-R47M	0.47	30	25.2	0.5	450	28C8861	0.377	0.340
PM40-R56M	0.56	30	25.2	0.55	450	28C8862	0.372	0.336
PM40-R68M	0.68	30	25.2	0.6	450	28C8863	0.377	0.340
PM40-R82M	0.82	30	25.2	0.67	450	28C8864	0.372	0.336

PM40 SERIES: ±10% TOLERANCE

PM40-1R0K	1	50	7.96	0.5	450	28C8865	0.377	0.340
PM40-1R2K	1.2	50	7.96	0.55	430	28C8866	0.377	0.340
PM40-1R5K	1.5	50	7.96	0.6	410	28C8867	0.377	0.340
PM40-1R8K	1.8	50	7.96	0.65	390	28C8868	0.377	0.340
PM40-2R2K	2.2	50	7.96	0.7	380	28C8877	0.377	0.340
PM40-2R7K	2.7	50	7.96	0.75	370	28C8878	0.377	0.340
PM40-3R3K	3.3	50	7.96	0.8	355	28C8883	0.377	0.340
PM40-3R9K	3.9	50	7.96	0.9	330	28C8884	0.377	0.340
PM40-4R7K	4.7	50	7.96	1	315	28C8889	0.377	0.340
PM40-5R6K	5.6	50	7.96	1.1	300	28C8892	0.377	0.340
PM40-6R8K	6.8	50	7.96	1.2	285	28C8895	0.377	0.340
PM40-8R2K	8.2	50	7.96	1.4	270	28C8897	0.377	0.340
PM40-100K	10	50	2.52	1.6	250	28C8869	0.377	0.340
PM40-120K	12	50	2.52	2	225	28C8872	0.377	0.340
PM40-150K	15	50	2.52	2.5	200	28C8874	0.392	0.353
PM40-180K	18	50	2.52	2.8	190	28C8875	0.392	0.353
PM40-220K	22	50	2.52	3.2	180	28C8879	0.377	0.340
PM40-270K	27	50	2.52	3.6	170	28C8881	0.392	0.353
PM40-330K	33	50	2.52	4	160	28C8885	0.377	0.340
PM40-390K	39	50	2.52	4.5	150	28C8887	0.392	0.353
PM40-470K	47	50	2.52	5	140	28C8890	0.392	0.353
PM40-560K	56	50	2.52	5.5	135	28C8893	0.377	0.340
PM40-680K	68	50	2.52	6	130	20C6275	0.377	0.340
PM40-820K	82	50	2.52	7	120	28C8898	0.377	0.340
PM40-101K	100	40	0.796	8	110	28C8870	0.377	0.340
PM40-121K	120	40	0.796	8	110	28C8873	0.652	0.588
PM40-151K	150	40	0.796	9	105	24C5641	0.620	0.559
PM40-181K	180	40	0.796	9.5	102	28C8876	0.620	0.559
PM40-221K	220	40	0.796	10	100	28C8880	0.620	0.559
PM40-271K	270	30	0.796	18	92	28C8882	0.620	0.559
PM40-331K	330	30	0.796	20	85	28C8886	0.620	0.559
PM40-391K	390	30	0.796	23	80	28C8888	0.377	0.340
PM40-471K	470	30	0.796	26	62	28C8891	0.693	0.625
PM40-561K	560	30	0.796	30	50	28C8894	0.377	0.340
PM40-681K	680	30	0.796	40	50	28C8896	0.377	0.340
PM40-821K	820	30	0.796	45	30	28C8899	0.693	0.625
PM40-102K	1000	30	0.796	50	30	28C8871	0.377	0.340

(78857)

POWER INDUCTORS – SMD

PM43 SERIES SMT
POWER INDUCTORS

Terminal Dimensions Dimensions - mm

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.

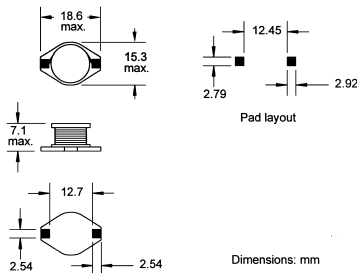
±20% TOLERANCE

Mfg. Part No.	L (Induct.) (μH)	DCR max. (mΩ)	I _{DC} (A)	Tape Cut			
				Stock No.	Price Each		
					1-24	25-99	100-249
PM43-1R0M-RC	1	49	2.56	63K2836	1.000	0.899	0.749
PM43-1R4M-RC	1.4	57	2.52	63K2837	1.000	0.899	0.749
PM43-1R8M-RC	1.8	64	1.95	63K2838	1.000	0.899	0.749
PM43-2R2M-RC	2.2	72	1.75	63K2843	1.000	0.899	0.749
PM43-2R7M-RC	2.7	79	1.58	63K2844	1.000	0.899	0.749
PM43-3R3M-RC	3.3	87	1.44	63K2847	1.000	0.899	0.749
PM43-3R9M-RC	3.9	94	1.33	63K2848	1.000	0.899	0.749
PM43-4R7M-RC	4.7	109	1.15	63K2852	1.000	0.899	0.749
PM43-5R6M-RC	5.6	126	990	63K2854	1.000	0.899	0.749
PM43-6R8M-RC	6.8	132	950	63K2856	1.000	0.899	0.749
PM43-8R2M-RC	8.2	147	840	63K2858	1.000	0.899	0.749
PM43-100M-RC	10	182	1.04	63K2839	1.000	0.899	0.749
PM43-120M-RC	12	210	970	63K2840	0.894	0.804	0.650
PM43-150M-RC	15	235	850	63K2841	0.894	0.804	0.650
PM43-180M-RC	18	338	740	63K2842	0.894	0.804	0.650
PM43-220M-RC	22	378	680	63K2845	1.000	0.899	0.749
PM43-270M-RC	27	522	620	63K2846	0.894	0.804	0.650

±10% TOLERANCE

PM43-330K-RC	33	540	560	63K2849	1.000	0.899	0.749
PM43-390K-RC	39	587	520	63K2850	0.894	0.804	0.650
PM43-470K-RC	47	844	440	63K2853	1.000	0.899	0.749
PM43-560K-RC	56	937	420	63K2855	0.894	0.804	0.650
PM43-680K-RC	68	1.117	370	63K2857	0.894	0.804	0.650

(48778)

PM5022 SERIES
SURFACE MOUNT
POWER INDUCTORS

Pad layout Dimensions: mm

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

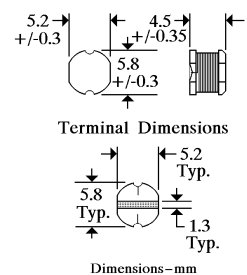
Mfg. Part No.	L (Induct.) (μH)	DCR Max. (mΩ)	I _{RMS} (A)	I _{SAT} (A)	Tape Cut			
					Stock No.	Price Each		
						1-24	25-99	100-249
PM5022-1R0M-RC	1	11	8.6	20	63K3613	0.994	0.886	0.719
PM5022-2R2M-RC	2.2	14	7.1	16	63K3619	0.994	0.886	0.719
PM5022-3R3M-RC	3.3	16	6.2	14	63K3622	0.994	0.886	0.719
PM5022-5R6M-RC	5.6	22	5.3	12	63K3626	0.994	0.886	0.719
PM5022-100M-RC	10	32	4.3	10	63K3614	0.994	0.886	0.719
PM5022-150M-RC	15	36	4	8	63K3617	0.994	0.886	0.719
PM5022-220M-RC	22	47	3.5	7	63K3620	0.994	0.886	0.719
PM5022-330M-RC	33	66	3	5.5	63K3623	0.994	0.886	0.719
PM5022-470M-RC	47	87	2.6	4.5	43K8943	0.994	0.886	0.719
PM5022-680M-RC	68	130	2.3	3.5	63K3627	0.994	0.886	0.719

➔ CONTINUED ➔

PM5022 SERIES SURFACE MOUNT POWER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (μH)	DCR Max. (mΩ)	I _{RMS} (A)	I _{SAT} (A)	Tape Cut			
					Stock No.	Price Each		
						1-24	25-99	100-249
PM5022-101M-RC	100	190	1.8	3	63K3615	0.994	0.886	0.719
PM5022-151M-RC	150	250	1.5	2.6	63K3618	0.994	0.886	0.719
PM5022-221M-RC	220	380	1.2	2.4	63K3621	0.994	0.886	0.719
PM5022-331M-RC	330	560	1	1.9	63K3624	0.994	0.886	0.719
PM5022S-331M-RC	330	780	1.1	1.1	63K3629	1.140	1.020	0.825
PM5022-471M-RC	470	850	820	1.4	63K3625	0.994	0.886	0.719
PM5022-681M-RC	680	1.2	720	1.2	63K3628	0.994	0.886	0.719
PM5022-102M-RC	1	1.8	560	1	63K3616	0.994	0.886	0.719

(72683)

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	1.130
PM54-120M-RC	12	120	1.4	63K2861	1.130
PM54-150M-RC	15	140	1.3	63K2863	1.130
PM54-180M-RC	18	150	1.23	63K2865	1.130
PM54-220M-RC	22	180	1.11	63K2867	1.130
PM54-270M-RC	27	200	970	63K2869	1.130
PM54-330L-RC	33	230	880	63K2870	1.130
PM54-390L-RC	39	320	800	63K2871	1.130
PM54-470L-RC	47	370	720	63K2872	1.130
PM54-560K-RC	56	420	680	63K2873	1.130
PM54-680K-RC	68	460	610	63K2874	1.130
PM54-820K-RC	82	600	580	63K2875	1.130
PM54-101K-RC	100	700	520	63K2860	1.130
PM54-121K-RC	120	930	480	63K2862	1.130
PM54-151K-RC	150	1.1	400	63K2864	1.130
PM54-181K-RC	180	1.38	380	63K2866	1.130
PM54-221K-RC	220	1.57	350	63K2868	1.130

(48774)

IFLP SERIES LOW PROFILE
HIGH CURRENT INDUCTORS

Applications

- Notebook/Desktop/Server Applications
- Low Profile, High Current Power Supplies
- Battery Powered Devices
- DC/DC Converters in Distributed Power Systems

Features

- Shielded Construction
- Frequency Range up to 5.0 MHz
- Handles High Transient Current Spikes Without Saturation

Specifications

- DCR Max. @25°C: 0.88 mΩ
- DC Current Rating: 32A

Mfg. Part No.	L ₀ @100kHz, .25V, 0A (μH)±20%	Sat. Current (mA)	Tape Cut		Tape & Reel Reel Qty. 2000	
			Stock No.	Price Each	Stock No.	Price Each
				1-24		
● IFLP4040DZERR34M01	0.34	36	45M6012	1.830	45M5875	0.821
● IFLP4040DZERR42M01	0.42	30	45M6013	1.830	45M5876	0.821
● IFLP4040DZERR50M01	0.5	25	45M6014	1.830	30M2473	0.821
● IFLP4040DZERR62M01	0.62	20	45M6015	1.830	45M5877	0.821

(94538)

POWER INDUCTORS – SMD

IHLM SERIES SMD HIGH CURRENT INDUCTORS



Features

- Lowest molded height (3.0mm) in this package footprint
- Shielded construction
- Frequency range up to 5.0MHz
- Lowest DCR/μH in this package size
- Handles high transient current spikes without saturation
- Ultra low buzz noise, due to composite construction
- 100% lead (Pb)-free
- Encapsulated body offers improved environmental protection and moisture resistance
- Higher dielectric withstanding voltage vs IHL
- Flame retardant encapsulant (UL 94V-0)
- Corrosion resistant package



Applications

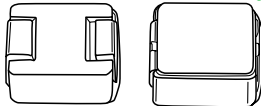
- PDA/Notebook/Desktop/Server applications
- High current POL converters
- Low profile, high current power supplies
- Battery powered devices
- DC/DC converters in distributed power systems
- DC/DC converter for Field Programmable Gate Array (FPGA)
- Harsh environments including moisture, chemicals and salt spray

±20% TOLERANCE

Mfg. Part No.*	L (Ind.) (μH)	Heat Rating Typ. (A)	DCR Max. (mΩ)	Tape Cut		Tape & Reel* Reel Qty. 2000	
				Stock No.	Price Each	Stock No.	Price Each
● IHLM-2525CZ-01 1.20% ER	100	32.5	1.7	23K7886	1.160	23K7887	0.559
● IHLM-2525CZ-01 1.15 20% ER	150	26	2.5	23K7888	1.160	23K7889	0.559
● IHLM-2525CZ-01 2.20% ER	200	24	3	23K7890	1.160	23K7891	0.559
● IHLM-2525CZ-01 2.2 20% ER	220	23	2.8	23K7892	1.160	23K7893	0.559
● IHLM-2525CZ-01 3.3 20% ER	330	20	3.9	23K7894	1.160	23K7895	0.559
● IHLM-2525CZ-01 4.7 20% ER	470	17.5	4.2	23K7896	1.160	23K7897	0.559
● IHLM-2525CZ-01 6.8 20% ER	680	15.5	5.5	23K7898	1.160	23K7899	0.559
● IHLM-2525CZ-01 8.2 20% ER	820	13	8	23K7900	1.160	23K7901	0.559
● IHLM-2525CZ-01 1 20% ER	1	11	10	23K7902	1.160	21K5190	0.559
● IHLM-2525CZ-01 1.5 20% ER	1.5	9	15	23K7903	1.160	23K7904	0.559
● IHLM-2525CZ-01 2 20% ER	2	...	...	23K7909	1.160	23K7910	0.559
● IHLM-2525CZ-01 2.2 20% ER	2.2	8	20	23K7911	1.160	23K7912	0.559
● IHLM-2525CZ-01 3.3 20% ER	3.3	6	30	23K7913	1.160	21K5189	0.559
● IHLM-2525CZ-01 4.7 20% ER	4.7	5.5	40	23K7914	1.160	23K7915	0.559
● IHLM-2525CZ-01 6.8 20% ER	6.8	4.5	60	23K7916	1.160	23K7917	0.559
● IHLM-2525CZ-01 8.2 20% ER	8.2	4	68	...	...	23K7919	0.559
● IHLM-2525CZ-01 10 20% ER	10	3	105	23K7905	1.160	23K7906	0.559
● IHLM-2525CZ-01 15 20% ER	15	...	...	23K7907	4.210	23K7908	2.030

*Tape Cut mfg. part numbers have an **EB** suffix; Tape & Reel mfg. part numbers have an **ER** suffix, as shown (847/89)

IHL series LOW PROFILE HIGH CURRENT INDUCTORS



IHL 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 L_p to drop 20%. Operating temperature: -55°C to +125°C. **Tolerance: ±20%, Test frequency: 100 kHz**

IHL-2525CZ-01 SERIES

Mfg. Part No.	L @100kHz, 25V, 0A (μH)±20%	DCR Max. @25°C (mΩ)	Heat Rating I _{pc} (A)	Tape Cut	
				Stock No.	Price Each
● IHL2525CZERR10M01	100	1.7	32.5	53K4835	1.640
● IHL2525CZERR15M01	150	2.5	26	53K4837	1.640
● IHL2525CZERR20M01	200	3	24	53K4839	1.640
● IHL2525CZERR22M01	220	2.8	23	53K4841	1.640
● IHL2525CZERR33M01	330	3.9	20	53K4843	1.640
● IHL2525CZERR47M01	470	4.2	17.5	53K4845	1.640
● IHL2525CZERR68M01	680	5.5	15.5	53K4847	1.640
● IHL2525CZERR82M01	820	8	13	53K4848	1.640
● IHL2525CZER10M01	1	10	11	53K4850	1.640
● IHL2525CZER15M01	1.5	15	9	53K4852	1.640
● IHL2525CZER22M01	2.2	20	8	53K4855	1.640
● IHL2525CZER33M01	3.3	30	6	53K4857	1.640
● IHL2525CZER47M01	4.7	40	5.5	53K4859	1.640

IHL-5050CE-01 SERIES

● IHL5050CEERR47M01	470	2	32	53K4867	3.680
● IHL5050CEERR60M01	600	2.2	29	53K4869	3.680
● IHL5050CEERR68M01	680	2.5	28	53K4871	3.680
● IHL5050CEERR82M01	820	3	25	53K4873	3.680

▶ CONTINUED ▶

IHL series LOW PROFILE HIGH CURRENT INDUCTORS (CONT.)

IHL-5050CE-01 SERIES

Mfg. Part No.	L @100kHz, 25V, 0A (μH)±20%	DCR Max. @25°C (mΩ)	Heat Rating I _{pc} (A)	Tape Cut	
				Stock No.	Price Each
● IHL5050CEERR10M01	1	3.5	24	53K4875	3.680
● IHL5050CEERR15M01	1.5	5.5	19	53K4877	3.680
● IHL5050CEERR18M01	1.8	7	16.5	53K4879	3.680
● IHL5050CEERR22M01	2.2	8	16	53K4882	3.680
● IHL5050CEERR33M01	3.3	12	12	53K4884	3.680
● IHL5050CEERR47M01	4.7	15	10	53K4886	3.680

IHL-5050EZ-01 SERIES

● IHL5050EZERR10M01	100	600	55	53K4891	5.480
● IHL5050EZERR22M01	220	800	51	53K4893	5.480
● IHL5050EZERR33M01	330	1.1	42	53K4895	5.480
● IHL5050EZERR47M01	470	1.3	38	53K4897	5.480
● IHL5050EZERR56M01	560	1.5	36	53K4899	5.480
● IHL5050EZERR68M01	680	1.7	34	53K4901	5.480
● IHL5050EZERR82M01	820	2.3	31	53K4903	5.480
● IHL5050EZERR10M01	1	2.5	29	...	...
● IHL5050EZERR15M01	1.5	4.1	23	53K4906	5.480
● IHL5050EZERR22M01	2.2	5.5	20	53K4910	5.480
● IHL5050EZERR33M01	3.3	9.2	15	53K4912	5.480
● IHL5050EZERR47M01	4.7	15	12	53K4914	5.480
● IHL5050EZERR56M01	5.6	16.5	11.5	53K4916	6.150
● IHL5050EZERR68M01	6.8	18.5	11	53K4918	2.770
● IHL5050EZERR78M01	7.8	20.5	10	53K4920	6.150
● IHL5050EZERR82M01	8.2	22.5	9.5	53K4922	6.150
● IHL5050EZERR100M01	10	25.5	9	53K4908	6.150

IHL-1616AB-01 SERIES

● IHL1616ABERR10M01	1	0.05	15	45M5848	1.860
● IHL1616ABERR10M11	1	0.047	15	45M5849	1.860
● IHL1616ABERR12M11	1.2	0.055	15	45M5850	1.860
● IHL1616ABERR15M11	1.5	0.075	15	45M5851	1.860
● IHL1616ABERR22M11	2.2	0.1	12	45M5852	1.860
● IHL1616ABERR47NM01	0.047	0.00375	15	45M5853	1.860
● IHL1616ABERR47NM11	0.047	0.0033	15	45M5854	1.860
● IHL1616ABERR10M01	0.1	0.006	15	45M5842	1.860
● IHL1616ABERR10M11	0.1	0.0055	15	45M5843	1.860
● IHL1616ABERR22M01	0.22	0.011	12	45M5844	1.860
● IHL1616ABERR22M11	0.22	0.0105	15	45M5845	1.860
● IHL1616ABERR47M01	0.47	0.022	9.5	45M5846	1.860
● IHL1616ABERR47M11	0.47	0.021	9.5	45M5847	1.860

IHL-1616BZ-01 SERIES

● IHL1616BZER10M01	1	0.037	15	45M5861	1.890
● IHL1616BZER10M11	1	0.027	15	45M5862	1.890
● IHL1616BZER22M01	2.2	0.009	15	45M5863	1.890
● IHL1616BZER22M11	2.2	0.068	15	45M5864	1.890
● IHL1616BZER33M11	3.3	0.0033	15	45M5865	1.890
● IHL1616BZER47M11	4.7	0.105	12	45M5866	1.890
● IHL1616BZER10M01	0.1	0.005	15	45M5855	1.890
● IHL1616BZER10M11	0.1	0.0045	15	45M5856	1.890
● IHL1616BZER22M01	0.22	0.0066	15	45M5857	1.890
● IHL1616BZER22M11	0.22	0.0085	15	45M5858	1.890
● IHL1616BZER47M01	0.47	0.018	15	45M5859	1.890
● IHL1616BZER47M11	0.47	0.016	15	45M5860	1.890

(73326)

IHSM SERIES HIGH CURRENT SURFACE MOUNT INDUCTORS



IHSM series high current surface mount inductors provide superior environmental protection and moisture resistance due to complete encapsulation with flame retardant epoxy (UL-94V-0). High resistivity ferrite core. Printed with model, inductance value and date code. Compatible with infrared and conventional reflow soldering methods. Pick-and-place compatible. Current rating based on +40°C temperature rise. Operating temperature: -55°C to +85°C at full rated current. **Tolerance: ±15%, Test Frequency: 1kHz**

Mfg. Part No.	L (Ind.) (μH)	D _{CR} Max. (Ω)	Rated I. Max. (A)	Incremental I. Max. (A)	Stock No.	Price Each	
						1-9	10-99
● IHSM4825EB1R0L	1	0.013	8.6	4.1	53K4924	4.020	3.340
● IHSM4825EB1R2L	1.2	0.018	7.6	3.8	53K4925	9.480	7.870
● IHSM4825EB1R5L	1.5	0.02	6.9	3.5	53K4926	9.480	7.870
● IHSM4825EB1R8L	1.8	0.021	6.5	3.2	53K4927	9.480	7.870
● IHSM4825EB2R2L	2.2	0.029	5.7	2.9	53K4937	4.020	3.340
● IHSM4825EB2R7L	2.7	0.034	5.1	2.6	53K4938	9.480	7.870
● IHSM4825EB3R9L	3.9	0.042	4.3	2.2	53K4944	9.480	7.870
● IHSM4825EB4R7L	4.7	0.047	4	2	53K4949	9.480	7.870

▶ CONTINUED ▶

POWER INDUCTORS – SMD

IHSM SERIES HIGH CURRENT SURFACE MOUNT INDUCTORS (CONT.)

Mfg. Part No.	L (Ind.) (µH)	D _{CR} Max. (Ω)	Rated I, Max. (A)	Incremental I, Max. (A)	Stock No.	Price Each	
						1-9	10-99
● IHSM4825EB3R6L	5.6	0.051	3.8	1.9	53K4952	9.480	7.870
● IHSM4825EB6R8L	6.8	0.058	3.5	1.7	53K4955	9.640	8.010
● IHSM4825EB8R2L	8.2	0.063	3.3	1.5	53K4958	9.640	8.010
● IHSM4825EB100L	10	0.071	3.1	1.4	53K4928	4.100	3.410
● IHSM-4825 12UH 15%	12	0.079	2.7	1.3	45C2612	9.640	8.010
● IHSM4825EB120L	12	0.079	2.7	1.3	53K4931	9.640	8.010
● IHSM4825EB150L	15	0.089	2.3	1.2	53K4933	9.640	8.010
● IHSM4825EB180L	18	0.119	1.9	1.1	53K4935	9.890	8.220
● IHSM4825EB220L	22	0.152	1.7	1.02	53K4939	9.890	8.220
● IHSM4825EB330L	33	0.222	1.3	0.88	53K4945	9.890	8.220
● IHSM4825EB390L	39	0.315	1.19	0.8	53K4947	8.870	7.360
● IHSM4825EB560L	56	0.397	0.95	0.68	53K4953	8.870	7.360
● IHSM4825EB680L	68	0.446	0.87	0.62	53K4956	8.870	7.360
● IHSM4825EB820L	82	0.604	0.8	0.56	53K4959	8.870	7.360
● IHSM4825EB101L	100	0.672	0.73	0.5	53K4929	3.770	3.130
● IHSM4825EB121L	120	0.735	0.66	0.45	53K4932	8.870	7.360
● IHSM4825EB151L	150	0.998	0.58	0.4	53K4934	8.870	7.360
● IHSM4825EB181L	180	1.37	0.5	0.35	53K4936	8.870	7.360
● IHSM4825EB221L	220	1.58	0.46	0.32	53K4940	8.870	7.360
● IHSM4825EB271L	270	1.77	0.41	0.3	53K4942	8.870	7.360
● IHSM4825EB331L	330	2.51	0.37	0.28	53K4946	8.870	7.360
● IHSM4825EB391L	390	2.73	0.34	0.26	53K4948	8.870	7.360
● IHSM4825EB681L	680	4.31	0.28	0.2	53K4957	8.870	7.360
● IHSM4825EB821L	820	6.04	0.26	0.17	53K4960	8.870	7.360
● IHSM4825EB102L	1000	6.9	0.24	0.15	53K4930	8.870	7.360

NON-COMPLIANT — IHSM-7832 SERIES

● IHSM7832EB1R0L					53K4961	10.200	8.470
● IHSM7832EB1R2L	1.2	0.012	8.8	4.8	53K4962	10.200	8.470
● IHSM7832EB1R5L	1.5	0.012	8.6	4.4	53K4963	4.350	3.620
● IHSM7832EB1R8L	1.8	0.013	8.5	4	53K4964	10.200	8.470
● IHSM7832EB2R2L	2.2	0.014	8.4	3.6	53K4980	10.200	8.470
● IHSM7832EB2R7L	2.7	0.016	8.2	3.2	53K4981	10.200	8.470
● IHSM7832EB3R3L	3.3	0.017	8.1	2.8	53K4988	10.200	8.470
● IHSM7832EB3R9L	3.9	0.02	7.3	2.6	53K4989	10.200	8.470
● IHSM7832EB4R7L	4.7	0.023	6.7	2.4	53K4996	10.200	8.470
● IHSM7832EB5R6L	5.6	0.025	6	2.3	53K5000	10.200	8.470
● IHSM7832EB6R8L	6.8	0.028	5.6	2.1	53K5004	10.200	8.470
● IHSM7832EB8R2L	8.2	0.032	5.3	1.9	53K5008	10.200	8.470
● IHSM7832EB100L	10	0.036	5	1.7	53K4965	10.200	8.470
● IHSM7832EB120L	12	0.04	4.8	1.5	53K4969	10.200	8.470
● IHSM7832EB150L	15	0.043	4.5	1.4	53K4973	4.350	3.620
● IHSM7832EB180L	18	0.047	4.2	1.3	53K4977	10.200	8.470
● IHSM7832EB220L	22	0.054	3.8	1.2	53K4982	10.200	8.470
● IHSM7832EB270L	27	0.074	3.4	1.1	53K4985	10.200	8.470
● IHSM7832EB330L	33	0.084	3	0.99	53K4990	10.720	8.910
● IHSM7832EB390L	39	0.095	2.8	0.93	53K4993	10.720	8.910
● IHSM7832EB470L	47	0.12	2.6	0.87	53K4997	10.720	8.910
● IHSM7832EB560L	56	0.14	2.4	0.82	53K5001	10.720	8.910
● IHSM7832EB680L	68	0.16	2.1	0.76	53K5005	10.720	8.910
● IHSM7832EB820L	82	0.184	1.9	0.72	53K5009	10.720	8.910
● IHSM7832EB121L	120	0.305	1.5	0.61	53K4970	10.720	8.910
● IHSM7832EB151L	150	0.362	1.4	0.54	53K4974	10.720	8.910
● IHSM7832EB181L	180	0.399	1.3	0.48	53K4978	11.220	9.320
● IHSM7832EB221L	220	0.536	1.1	0.44	53K4983	11.220	9.320
● IHSM7832EB271L	270	0.599	0.95	0.4	53K4986	2.770	2.300
● IHSM7832EB331L	330	0.714	0.86	0.36	53K4991	11.220	9.320
● IHSM7832EB391L	390	0.819	0.8	0.33	53K4994	11.220	9.320
● IHSM7832EB471L	470	1.1	0.74	0.31	53K4998	11.530	9.570
● IHSM7832EB561L	560	1.2	0.68	0.29	53K5002	11.530	9.570
● IHSM7832EB681L	680	1.58	0.63	0.26	53K5006	11.530	9.570
● IHSM7832EB821L	820	2.08	0.573	0.23	53K5010	11.530	9.570
● IHSM7832EB102L	1000	2.42	0.51	0.21	53K4967	11.530	9.570
● IHSM7832EB122L	1200	2.68	0.46	0.19	53K4971	11.530	9.570
● IHSM7832EB152L	1500	3.15	0.4	0.17	53K4975	11.530	9.570
● IHSM7832EB182L	1800	4.2	0.34	0.15	53K4979	11.530	9.570
● IHSM7832EB222L	2200	4.62	0.31	0.135	53K4984	11.530	9.570
● IHSM7832EB272L	2700	6.3	0.29	0.12	53K4987	11.860	9.850
● IHSM7832EB332L	3300	7.09	0.27	0.11	53K4992	11.860	9.850
● IHSM7832EB392L	3900	9.14	0.25	0.1	53K4995	12.160	10.100
● IHSM7832EB472L	4700	10.6	0.23	0.09	53K4999	12.160	10.100
● IHSM7832EB562L	5600	11.8	0.21	0.08	53K5003	12.160	10.100
● IHSM7832EB682L	6800	15.8	0.19	0.0775	53K5007	12.160	10.100
● IHSM7832EB822L	8200	21.8	0.17	0.0725	53K5011	12.160	10.100
● IHSM7832EB103L	10000	24.6	0.16	0.07	53K4968	12.580	10.450

▶ CONTINUED ▶

IHSM SERIES HIGH CURRENT SURFACE MOUNT INDUCTORS (CONT.)

NON-COMPLIANT — IHSM-7832 SERIES

Mfg. Part No.	L (Ind.) (µH)	D _{CR} Max. (Ω)	Rated I, Max. (A)	Incremental I, Max. (A)	Stock No.	Price Each	
						1-9	10-99
● IHSM7832EB123L	12000	28.4	0.14	0.0625	53K4972	5.350	4.440
● IHSM7832EB153L	15000	37.8	0.12	0.055	53K4976	12.580	10.450

(73327)

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} (Ω)	I _{DC} (mA)	Tape Cut	
					Stock No.	Price Each
● ISC1210ERR10M	0.1	700	0.5	450	53K5298	0.525
● ISC1210ERR12M	0.12	500	0.2	630	53K5300	0.525
● ISC1210ERR15M	0.15	470	0.2	600	53K5302	0.525
● ISC1210ERR18M	0.18	400	0.24	580	53K5304	0.525
● ISC1210ERR22M	0.22	330	0.3	565	53K5306	0.525
● ISC1210ERR27M	0.27	310	0.33	500	53K5308	0.525
● ISC1210ERR33M	0.33	280	0.36	475	53K5310	0.525
● ISC1210ERR39M	0.39	230	0.4	465	53K5312	0.525
● ISC1210ERR47M	0.47	220	0.44	460	53K5314	0.525
● ISC1210ERR56K	0.56	200	0.46	455	53K5316	0.491
● ISC1210ERR68M	0.68	180	0.48	450	53K5318	0.525
● ISC1210ERR82M	0.82	160	0.5	450	53K5320	0.525
● ISC1210ERR1R0K	1	120	0.6	400	53K5322	0.477
● ISC1210ERR1R2K	1.2	110	0.65	390	53K5324	0.477
● ISC1210ERR1R5K	1.5	90	0.75	370	53K5326	0.477
● ISC1210ERR1R8K	1.8	85	0.85	350	53K5328	0.477
● ISC1210ERR2R2K	2.2	65	0.9	320	53K5340	0.477
● ISC1210ERR2R7K	2.7	60	1	290	53K5342	0.477
● ISC1210ERR3R3K	3.3	60	1.1	270	53K5348	0.477
● ISC1210ERR3R9K	3.9	58	1.2	250	53K5350	0.477
● ISC1210ERR4R7K	4.7	52	1.25	220	53K5356	0.477
● ISC1210ERR5R6K	5.6	50	1.4	210	53K5360	0.477
● ISC1210ERR6R8K	6.8	40	1.6	205	53K5364	0.477
● ISC1210ERR8R2K	8.2	35	1.65	195	53K5368	0.477
● ISC1210ERR100K	10	30	2	185	53K5330	0.477
● ISC1210ERR120K	12	24	2.3	175	53K5334	0.611
● ISC1210ERR150K	15	20	2.5	165	53K5336	0.611
● ISC1210ERR180K	18	17	2.7	155	53K5338	0.611
● ISC1210ERR220K	22	16	3.1	150	53K5344	0.611
● ISC1210ERR270K	27	14.5	3.3	125	53K5346	0.611
● ISC1210ERR330K	33	14.5	5.1	115	53K5352	0.611
● ISC1210ERR390K	39	14	5.9	105	53K5354	0.611
● ISC1210ERR470K	47	13	8	100	53K5358	0.611
● ISC1210ERR560K	56	11.5	10	95	53K5362	0.611
● ISC1210ERR680K	68	11	10	90	53K5366	0.611
● ISC1210ERR820K	82	11	11	85	53K5370	0.611
● ISC1210ERR101K	100	6	12	80	53K5332	0.611
● ISC1812ESR10M	0.1	460	0.23	552	53K5372	0.500
● ISC1812ESR12M	0.12	400	0.26	519	53K5374	0.500
● ISC1812ESR15M	0.15	390	0.29	491	53K5376	0.500
● ISC1812ESR18M	0.18	350	0.32	468	53K5378	0.500
● ISC1812ESR22M	0.22	310	0.36	441	53K5380	0.500
● ISC1812ESR27M	0.27	280	0.4	418	53K5382	0.500
● ISC1812ESR33M	0.33	240	0.45	394	53K5384	0.500
● ISC1812ESR39M	0.39	215	0.6	342	53K5386	0.500
● ISC1812ESR47M	0.47	205	0.75	306	53K5388	0.500
● ISC1812ESR56M	0.56	195	0.8	296	53K5390	0.500
● ISC1812ESR68M	0.68	165	0.95	271	53K5392	0.500
● ISC1812ESR82M	0.82	155	1.2	242	53K5394	0.500
● ISC1812ESR1R0K	1	140	0.35	447	53K5396	0.519
● ISC1812ESR1R2K	1.2	120	0.38	429	53K5398	0.519
● ISC1812ESR1R5K	1.5	100	0.4	418	53K5400	0.519
● ISC1812ESR1R8K	1.8	90	0.43	403	53K5402	0.519
● ISC1812ESR2R2K	2.2	80	0.46	390	53K5422	0.519
● ISC1812ESR2R7K	2.7	67	0.49	378	53K5424	0.519
● ISC1812ESR3R3K	3.3	61	0.55	357	53K5434	0.519
● ISC1812ESR3R9K	3.9	56	0.59	344	53K5436	0.519

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 1-9
● ISC1812ES6R8K	6.8	32	0.75	306	53K5458	0.519
● ISC1812ES8R2K	8.2	30	0.82	292	53K5464	0.519
● ISC1812ES100K	10	25	0.9	279	53K5404	0.519
● ISC1812ES120K	12	22	1	265	53K5410	0.539
● ISC1812ES150K	15	18	1.1	252	53K5414	0.539
● ISC1812ES180K	18	15	1.24	238	53K5418	0.539
● ISC1812ES220K	22	14	1.36	227	53K5426	0.539
● ISC1812ES270K	27	13	1.56	212	53K5430	0.578
● ISC1812ES330K	33	12	1.72	202	53K5438	0.578
● ISC1812ES390K	39	11	1.89	192	53K5442	0.578
● ISC1812ES470K	47	9	2.1	183	53K5448	0.578
● ISC1812ES560K	56	8	2.34	173	53K5454	0.578
● ISC1812ES680K	68	7.6	2.6	164	53K5460	0.578
● ISC1812ES820K	82	7.2	2.86	156	53K5466	0.837
● ISC1812ES101K	100	7	3.25	147	53K5406	0.578
● ISC1812ES121K	120	6	3.64	139	53K5412	0.578
● ISC1812ES151K	150	5	4.16	130	53K5416	0.667
● ISC1812ES181K	180	4.5	5.72	111	53K5420	0.667
● ISC1812ES221K	220	4.2	6.3	105	53K5428	0.667
● ISC1812ES271K	270	4	6.9	101	53K5432	0.667
● ISC1812ES331K	330	3.7	7.54	96	53K5440	0.667
● ISC1812ES391K	390	3.5	8.2	92	53K5444	0.941
● ISC1812ES471K	470	3.3	9.2	87	53K5450	0.941
● ISC1812ES561K	560	2.8	10.5	82	53K5456	0.941
● ISC1812ES681K	680	2.6	12	76	53K5462	0.941
● ISC1812ES821K	820	2.2	13.5	72	53K5468	0.941
● ISC1812ES102K	1000	2	16	66	53K5408	0.941

(73329)

SDR SERIES SMD POWER INDUCTORS



Reliable Electronic Solutions

Features:

- Small Design: 5.8mm Max. Diameter
- Low 3.8mm Profile
- Ferrite DR Core
- Enamelled 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 +105°C

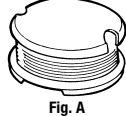


Fig. A

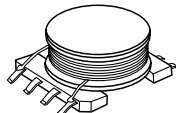


Fig. B

RoHS COMPLIANT — SDR0603 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
● SDR0603-1R5ML	1.5	+/- 20 %	24	7.96	61J8123	0.466	0.416	0.337	0.294
● SDR0603-2R5ML	2.5	+/- 20 %	21	7.96	61J8130	0.466	0.416	0.337	0.294
● SDR0603-3R9ML	3.9	+/- 20 %	22	7.96	61J8135	0.466	0.416	0.337	0.294
● SDR0603-7R5ML	7.5	+/- 20 %	19	7.96	61J8146	0.466	0.416	0.337	0.294
● SDR0603-100ML	10	+/- 20 %	24	2.52	61J8124	0.466	0.416	0.337	0.294
● SDR0603-150ML	15	+/- 20 %	22	2.52	61J8127	0.466	0.416	0.337	0.294
● SDR0603-470KL	47	+/- 10 %	20	0.796	61J8140	0.466	0.416	0.337	0.294
● SDR0603-560KL	56	+/- 10 %	17	0.796	61J8143	0.466	0.416	0.337	0.294

RoHS COMPLIANT — SDR0906 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
● SDR0906-150ML	15	+/- 20 %	35	2.52	61J8268	0.716	0.640	0.518	0.452
● SDR0906-270KL	27	+/- 10 %	35	2.52	61J8278	0.716	0.640	0.518	0.452
● SDR0906-330KL	33	+/- 10 %	35	2.52	61J8282	0.716	0.640	0.518	0.452
● SDR0906-680KL	68	+/- 10 %	20	2.52	61J8297	0.716	0.640	0.518	0.452
● SDR0906-391KL	390	+/- 10 %	15	0.796	61J8286	0.716	0.640	0.518	0.452
● SDR0906-821KL	820	+/- 10 %	15	0.796	61J8302	0.716	0.640	0.518	0.452

RoHS COMPLIANT — SDR0805 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
● SDR0805-100ML	10	+/- 20 %	25	2.52	61J8221	0.573	0.512	0.415	0.362
● SDR0805-120ML	12	+/- 20 %	25	2.52	61J8224	0.573	0.512	0.415	0.362
● SDR0805-150ML	15	+/- 20 %	25	2.52	61J8226	0.573	0.512	0.415	0.362
● SDR0805-180ML	18	+/- 20 %	20	2.52	61J8229	0.573	0.512	0.415	0.362
● SDR0805-220ML	22	+/- 20 %	20	2.52	61J8233	0.573	0.512	0.415	0.362
● SDR0805-270KL	27	+/- 10 %	20	2.52	61J8237	0.573	0.512	0.415	0.362
● SDR0805-330KL	33	+/- 10 %	15	2.52	61J8242	0.573	0.512	0.415	0.362

▶ CONTINUED ▶

SDR SERIES SMD POWER INDUCTORS (CONT.)

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
● SDR0805-470KL	47	+/- 10 %	15	2.52	61J8249	0.573	0.512	0.415	0.362
● SDR0805-680KL	68	+/- 10 %	15	2.52	61J8256	0.573	0.512	0.415	0.362
● SDR0805-820KL	82	+/- 10 %	12	2.52	61J8259	0.573	0.512	0.415	0.362
● SDR0805-101KL	100	+/- 10 %	12	0.796	61J8222	0.573	0.512	0.415	0.362
● SDR0805-121KL	120	+/- 10 %	12	0.796	61J8225	0.573	0.512	0.415	0.362
● SDR0805-181KL	180	+/- 10 %	12	0.796	61J8230	0.573	0.512	0.415	0.362
● SDR0805-221KL	220	+/- 10 %	12	0.796	61J8235	0.573	0.512	0.415	0.362
● SDR0805-271KL	270	+/- 10 %	12	0.796	61J8238	0.573	0.512	0.415	0.362
● SDR0805-331KL	330	+/- 10 %	12	0.796	61J8243	0.573	0.512	0.415	0.362
● SDR0805-391KL	390	+/- 10 %	12	0.796	61J8246	0.573	0.512	0.415	0.362
● SDR0805-471KL	470	+/- 10 %	12	0.796	61J8250	0.573	0.512	0.415	0.362
● SDR0805-561KL	560	+/- 10 %	30	0.796	61J8254	0.573	0.512	0.415	0.362

RoHS COMPLIANT — SDR1006 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
● SDR1006-1R5ML	1.5	+/- 20 %	35	7.96	61J8338	0.645	0.576	0.467	0.407
● SDR1006-3R3ML	3.3	+/- 20 %	34	7.96	61J8357	0.645	0.576	0.467	0.407
● SDR1006-4R7ML	4.7	+/- 20 %	33	7.96	61J8364	0.645	0.576	0.467	0.407
● SDR1006-6R8ML	6.8	+/- 20 %	33	7.96	61J8371	0.645	0.576	0.467	0.407
● SDR1006-100ML	10	+/- 20 %	30	2.52	61J8339	0.645	0.576	0.467	0.407
● SDR1006-120ML	12	+/- 20 %	30	2.52	61J8343	0.645	0.576	0.467	0.407
● SDR1006-150ML	15	+/- 20 %	30	2.52	61J8345	0.645	0.576	0.467	0.407
● SDR1006-180ML	18	+/- 20 %	30	2.52	61J8348	0.645	0.576	0.467	0.407
● SDR1006-220ML	22	+/- 20 %	25	2.52	61J8352	0.645	0.576	0.467	0.407
● SDR1006-270KL	27	+/- 10 %	25	2.52	61J8355	0.645	0.576	0.467	0.407
● SDR1006-330KL	33	+/- 10 %	25	2.52	61J8359	0.645	0.576	0.467	0.407
● SDR1006-390KL	39	+/- 10 %	20	2.52	61J8361	0.645	0.576	0.467	0.407
● SDR1006-470KL	47	+/- 10 %	20	2.52	61J8365	0.645	0.576	0.467	0.407
● SDR1006-560KL	56	+/- 10 %	20	2.52	61J8369	0.645	0.576	0.467	0.407
● SDR1006-680KL	68	+/- 10 %	15	2.52	61J8372	0.645	0.576	0.467	0.407
● SDR1006-820KL	82	+/- 10 %	15	2.52	61J8375	0.645	0.576	0.467	0.407
● SDR1006-101KL	100	+/- 10 %	15	0.796	61J8341	0.645	0.576	0.467	0.407
● SDR1006-121KL	120	+/- 10 %	15	0.796	61J8344	0.645	0.576	0.467	0.407
● SDR1006-151KL	150	+/- 10 %	15	0.796	61J8346	0.645	0.576	0.467	0.407
● SDR1006-181KL	180	+/- 10 %	12	0.796	61J8349	0.645	0.576	0.467	0.407
● SDR1006-221KL	220	+/- 10 %	12	0.796	61J8353	0.645	0.576	0.467	0.407
● SDR1006-271KL	270	+/- 10 %	12	0.796	61J8356	0.645	0.576	0.467	0.407
● SDR1006-331KL	330	+/- 10 %	12	0.796	61J8359	0.645	0.576	0.467	0.407
● SDR1006-391KL	390	+/- 10 %	12	0.796	61J8362	0.645	0.576	0.467	0.407
● SDR1006-471KL	470	+/- 10 %	12	0.796	61J8366	0.645	0.576	0.467	0.407
● SDR1006-681KL	680	+/- 10 %	12	0.796	61J8373	0.645	0.576	0.467	0.407
● SDR1006-821KL	820	+/- 10 %	10	0.796	61J8376	0.645	0.576	0.467	0.407
● SDR1006-102KL	1	+/- 10 %	30	0.252	61J8342	0.645	0.576	0.467	0.407
● SDR1006-152KL	1.5	+/- 10 %	31	0.252	61J8347	0.645	0.576	0.467	0.407
● SDR1006-222KL	2.2	+/- 10 %	31	0.252	61J8354	0.645	0.576	0.467	0.407
● SDR1006-332KL	3.3	+/- 10 %	32	0.252	61J8360	0.645	0.576	0.467	0.407

(4154)

SDR0503/0604 SERIES SMD POWER INDUCTORS



Reliable Electronic Solutions

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



POWER INDUCTORS – SMD

SDR0503/0604 SERIES SMD POWER INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.) (µH)	Q Ref.	SRF Min. (MHz)	RDC (Ω)	Stock No.	Price Each	
						1-24	25-99
● SDR0503-680KL	68	20	12	760	61J8092	0.502	0.453
● SDR0503-101KL	100	40	9	1.6	61J8060	0.502	0.453
● SDR0503-151KL	150	40	7	2	61J8068	0.502	0.453
● SDR0503-221KL	220	35	6	2.5	61J8075	0.502	0.453
● SDR0503-331KL	330	30	5	3.3	61J8081	0.502	0.453
● SDR0503-471KL	470	30	5	4.9	61J8087	0.502	0.453
● SDR0503-681KL	680	30	4	7.5	61J8093	0.502	0.453
● SDR0503-102KL	1	40	3	11.5	61J8061	0.502	0.453
● SDR0503-152JL	1.5	40	2	13	61J8069	0.502	0.453
● SDR0503-222JL	2.2	40	2	22	61J8076	0.502	0.453
● SDR0503-332JL	3.3	40	2	38	61J8082	0.502	0.453
● SDR0503-472JL	4.7	40	1	48	61J8088	0.502	0.453
● SDR0503-682JL	6.8	40	1	80	61J8094	0.502	0.453
● SDR0503-103JL	10	30	1	110	61J8062	0.502	0.453
● SDR0503-153JL	15	30	1	168	61J8070	0.502	0.453

RoHS COMPLIANT — SDR0602

● SDR0602-6R8ML	6.8	18	44	180	61J8120	0.573	0.517
● SDR0602-101KL	100	50	7	1.52	61J8099	0.573	0.517
● SDR0602-151KL	150	60	6	2	61J8103	0.573	0.517
● SDR0602-221KL	220	55	5	2.5	61J8107	0.573	0.512
● SDR0602-331KL	330	55	4	3.8	61J8112	0.573	0.517
● SDR0602-471KL	470	55	3	5	61J8117	0.573	0.517

RoHS COMPLIANT — SDR0604, REEL QUANTITY: 400

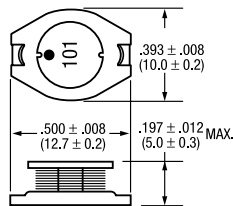
Mfg. Part No.	L (Induct.) (µH)	Q	SRF Min. (MHz)	RDC (Ω)	Stock No.	Price Each	
						1-24	
● SDR0604-1R5ML	1.5	32	108	30	61J8150	0.466	
● SDR0604-2R2ML	2.2	33	79	60	61J8160	0.466	
● SDR0604-3R3ML	3.3	22	60	70	61J8166	0.466	
● SDR0604-4R7ML	4.7	20	34	80	61J8171	0.466	
● SDR0604-6R8ML	6.8	20	28	120	61J8177	0.466	
● SDR0604-100ML	10	30	23	100	61J8151	0.466	
● SDR0604-150YL	15	30	20	140	61J8156	0.466	
● SDR0604-220YL	22	30	16	190	61J8163	0.466	
● SDR0604-330KL	33	24	13	250	61J8168	0.466	
● SDR0604-470KL	47	22	12	370	61J8172	0.466	
● SDR0604-680KL	68	22	10	520	61J8178	0.466	
● SDR0604-101KL	100	20	9	700	61J8152	0.466	
● SDR0604-151KL	150	20	6	1.1	61J8157	0.466	
● SDR0604-221KL	220	20	6	1.57	61J8164	0.466	
● SDR0604-331KL	330	25	3	2.25	61J8169	0.466	
● SDR0604-471KL	470	25	3	3.3	61J8173	0.466	
● SDR0604-681KL	680	26	2	4.65	61J8179	0.466	

(68929)

SDR1005 SERIES SMD POWER INDUCTORS



Reliable Electronic Solutions



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)	Tol. (%)	Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Stock No.	Price Each	
									1-24	
● SDR1005-1R0ML	1.0	±20	20	137	0.01	7.50	9.00	61J8304	0.448	
● SDR1005-1R5ML	1.5	±20	50	95	0.01	6.50	8.00	61J8305	0.448	
● SDR1005-3R3ML	3.3	±20	50	54	0.02	5.00	6.40	61J8320	0.448	
● SDR1005-4R7ML	4.7	±20	50	42	0.02	4.50	5.40	61J8327	0.448	
● SDR1005-6R8ML	6.8	±20	50	31	0.03	3.40	4.50	61J8332	0.448	
● SDR1005-100ML	10	±20	50	26	0.05	2.90	3.70	61J8306	0.448	
● SDR1005-150ML	15	±20	50	22	0.06	2.50	3.00	61J8310	0.448	
● SDR1005-220ML	22	±20	40	18	0.10	2.00	2.50	61J8315	0.448	
● SDR1005-330KL	33	±10	25	14	0.12	1.80	2.00	61J8321	0.448	
● SDR1005-470KL	47	±10	25	12	0.19	1.40	1.60	61J8328	0.448	

▶ CONTINUED ▶

SDR1005 SERIES SMD POWER INDUCTORS (CONT.)

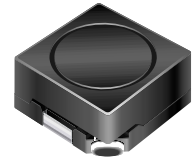
Mfg. Part No.	L (Induct.) (µH)	Tol. (%)	Q Ref.	SRF Min. (MHz)	RDC (Ω)	I _{rms} Max. (A)	I _{sat} Typ. (A)	Stock No.	Price Each	
									1-24	
● SDR1005-680KL	68	±10	25	11	0.24	1.20	1.40	61J8333	0.448	
● SDR1005-101KL	100	±10	30	8	0.33	1.00	1.20	61J8307	0.448	
● SDR1005-151KL	150	±10	30	6	0.59	0.80	1.00	61J8311	0.448	
● SDR1005-221KL	220	±10	33	5	0.78	0.70	0.80	61J8316	0.448	
● SDR1005-331KL	330	±10	33	4	1.15	0.55	0.60	61J8324	0.448	
● SDR1005-471KL	470	±10	57	4	1.70	0.45	0.50	61J8329	0.448	
● SDR1005-681KL	680	±10	57	3	2.60	0.35	0.40	61J8334	0.448	
● SDR1005-102KL	1000	±10	81	2	3.90	0.30	0.35	61J8308	0.448	
● SDR1005-152JL	1500	±10	91	2	6.30	0.25	0.30	61J8312	0.448	
● SDR1005-222JL	2200	±10	91	2	8.20	0.20	0.24	61J8318	0.448	
● SDR1005-332JL	3300	±10	93	1	14.00	0.16	0.18	61J8325	0.448	
● SDR1005-472JL	4700	±10	93	1	17.00	0.15	0.16	61J8330	0.448	
● SDR1005-682JL	6800	±10	93	1	30.00	0.11	0.12	61J8335	0.448	
● SDR1005-103KL	10000	±10	101	1	39.00	0.10	0.11	61J8309	0.448	

(68926)

SRR SERIES SHIELDED POWER INDUCTORS



Reliable Electronic Solutions



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. Enamelled 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	0.496	0.449	0.365
● SRR0603-4R7ML	4.7 ± 20%	2013	45	62K3118	0.496	0.449	0.365
● SRR0603-100ML	10 ± 20%	2016	25	61J8888	0.496	0.449	0.365
● SRR0603-150ML	15 ± 20%	2016	25	62K3116	0.496	0.449	0.365
● SRR0603-220ML	22 ± 20%	2016	20	62K3117	0.496	0.449	0.365
● SRR0603-470KL	47 ± 10%	2013	13	53K7837	0.496	0.449	0.365
● SRR0603-102KL	1000 ± 10%	2020	3	62K3115	0.496	0.449	0.365
● SRR0604-4R7ML	4.7 ± 20%	2010	50	62K3120	0.496	0.449	0.365
● SRR0604-6R8ML	6.8 ± 20%	2020	37	62K3121	0.496	0.449	0.365
● SRR0604-150ML	15 ± 20%	2018	30	62K3119	0.496	0.449	0.365
● SRR0604-680KL	68 ± 10%	2015	15	62K3122	0.496	0.449	0.365
● SRR0804-7R5M	7.5 ± 20%	2020	40	16C0823	0.575	0.520	0.423
● SRR0804-100M	10 ± 20%	2038	32	16C0812	0.575	0.520	0.423
● SRR0804-150M	15 ± 20%	2038	25	16C0814	0.575	0.520	0.423
● SRR0804-220Y	22 ± 15%	2030	22	16C0816	0.575	0.520	0.423
● SRR0804-330Y	33 ± 15%	2026	17	16C0818	0.575	0.520	0.423
● SRR0805-2R2M	2.2 ± 20%	2018	75	16C0831	0.575	0.520	0.423
● SRR0805-3R9M	3.9 ± 20%	2020	50	16C0834	0.575	0.520	0.423
● SRR0805-100M	10 ± 20%	2040	28	16C0825	0.575	0.520	0.423
● SRR0805-150M	15 ± 20%	2040	22	16C0829	0.575	0.520	0.423
● SRR0805-220Y	22 ± 15%	2038	19	16C0832	0.575	0.520	0.423
● SRR0805-330Y	33 ± 15%	2040	13.5	16C0835	0.575	0.520	0.423
● SRR0805-470Y	47 ± 15%	2032	1.5	16C0837	0.575	0.520	0.423
● SRR0805-680K	68 ± 10%	2028	9	16C0840	0.575	0.520	0.423
● SRR0805-151K	150 ± 10%	2039	6.5	34C8910	0.575	0.520	0.423
● SRR0805-221K	220 ± 10%	2038	4.5	34C8911	0.575	0.520	0.423
● SRR0805-331K	330 ± 10%	2036	3.8	34C8912	0.575	0.520	0.423
● SRR0805-471K	470 ± 10%	2034	3.5	34C8913	0.575	0.520	0.423
● SRR0805-681K	680 ± 10%	2032	2.8	34C8914	0.575	0.520	0.423
● SRR0805-102K	1000 ± 10%	2035	2.2	34C8909	0.575	0.520	0.423
● SRR1003-2R2M	2.2 ± 20%	2011	90	16C0847	0.575	0.520	0.423
● SRR1003-4R7M	4.7 ± 20%	2010	50	16C0851	0.575	0.520	0.423
● SRR1003-100M	10 ± 20%	2018	28	16C0843	0.575	0.520	0.423
● SRR1206-7R5ML	7.5 ± 20%	2022	22	62K3126	0.731	0.661	0.538
● SRR1206-100ML	10 ± 20%	2018	18	62K3123	0.731	0.661	0.538
● SRR1206-150ML	15 ± 20%	2019	16	62K3125	0.731	0.661	0.538
● SRR1206-330YL	33 ± 15%	2021	9	53K7884	0.731	0.661	0.538
● SRR1206-101YL	100 ± 15%	2013	6	62K3124	0.731	0.661	0.538
● SRR1208-331KL	330 ± 10%	2013	11	62K3128	0.731	0.661	0.538
● SRR1208-102KL	1000 ± 10%	2011	8	62K3127	0.731	0.661	0.538

(48379)

POWER INDUCTORS – SMD

SRR1005 SERIES SHIELDED
POWER INDUCTORS

Reliable Electronic Solutions

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)	Tape Cut	
	(μH)	Tol. (%)				Stock No.	Price Each
● SRR1005-2R2M	2.2	±20	90.0	0.027	3.10	34C8921	0.632
● SRR1005-4R7M	4.7	±20	50.0	0.040	2.50	34C8928	0.632
● SRR1005-100M	10	±20	30.0	0.650	2.00	34C8915	0.632
● SRR1005-150M	15	±20	20.0	0.085	1.70	34C8918	0.632
● SRR1005-330Y	33	±15	15.0	0.160	1.20	34C8925	0.632
● SRR1005-470Y	47	±15	12.0	0.190	1.00	34C8929	0.632
● SRR1005-680Y	68	±15	9.0	0.340	0.82	34C8931	0.632
● SRR1005-101K	100	±10	7.5	0.420	0.68	34C8916	0.632
● SRR1005-151K	150	±10	6.2	0.520	0.55	34C8919	0.632
● SRR1005-221K	220	±10	5.2	0.800	0.45	34C8923	0.632
● SRR1005-331K	330	±10	4.5	1.200	0.35	34C8926	0.632
● SRR1005-471K	470	±10	3.0	1.600	0.30	34C8930	0.632
● SRR1005-681K	680	±10	2.6	2.300	0.26	34C8932	0.632
● SRR1005-102K	1000	±10	2.0	3.200	0.22	34C8917	0.632
● SRR1005-152K	1500	±10	1.6	5.200	0.17	34C8920	0.632
● SRR1005-222K	2200	±10	1.4	6.500	0.14	34C8924	0.632
● SRR1005-332K	3300	±10	1.2	10.00	0.10	34C8927	0.632

(68925)

SRU SERIES - SHIELDED
SMD POWER INDUCTORS

Reliable Electronic Solutions

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	0.681
● SRU1028-1R5Y	1.5	+/- 30 %	12	80	7.3	6.50	6.5	09J2951	0.681
● SRU1028-100Y	10	+/- 30 %	20	25	40	2.80	2.4	09J2952	0.681
● SRU1028-101Y	100	+/- 30 %	20	7	365	0.85	800	09J2953	0.681
● SRU1028-121Y	120	+/- 30 %	18	6	428	0.65	700	09J2954	0.681
● SRU1028-150Y	15	+/- 30 %	26	22	69	2.00	2	09J2955	0.681
● SRU1028-151Y	150	+/- 30 %	18	5	518	0.70	650	09J2956	0.681
● SRU1028-2R2Y	2.2	+/- 30 %	12	65	11	5.30	4.8	09J2957	0.681
● SRU1028-220Y	22	+/- 30 %	26	16	104	1.60	1.4	09J2958	0.681
● SRU1028-3R3Y	3.3	+/- 30 %	14	55	15	4.60	4.3	09J2959	0.681
● SRU1028-330Y	33	+/- 30 %	24	12	139	1.25	1.2	09J2960	0.681
● SRU1028-4R7Y	4.7	+/- 30 %	12	40	16.5	4.50	3.8	09J2961	0.681
● SRU1028-470Y	47	+/- 30 %	20	11	167	1.30	1.1	09J2962	0.681
● SRU1028-560Y	56	+/- 30 %	22	10	208	1.10	1	09J2963	0.681
● SRU1028-6R8Y	6.8	+/- 30 %	12	30	25	3.50	3	09J2964	0.681
● SRU1028-680Y	68	+/- 30 %	20	9	232	1.00	900	09J2965	0.681
● SRU1028-8R2Y	8.2	+/- 30 %	12	28	28.5	3.30	2.7	09J2966	0.681
● SRU1028-820Y	82	+/- 30 %	20	8	323	0.90	850	09J2967	0.681

SUR1038: 3.8mm UNIT HEIGHT, 7.2A CURRENT

● SRU1038-1R5Y	1.5	+/- 30 %	14	65	5.2	7.20	7	09J2968	0.716
● SRU1038-100Y	10	+/- 30 %	24	20	25	3.80	3.6	09J2969	0.716
● SRU1038-101Y	100	+/- 30 %	24	6	220	1.30	1.1	09J2970	0.716
● SRU1038-150Y	15	+/- 30 %	24	16	37	2.80	2.7	09J2971	0.681
● SRU1038-151Y	150	+/- 30 %	20	5	358	0.90	800	09J2972	0.681
● SRU1038-2R2Y	2.2	+/- 30 %	12	55	7.7	6.80	6.5	09J2973	0.716
● SRU1038-220Y	22	+/- 30 %	20	12	55.8	2.20	2.3	09J2974	0.716
● SRU1038-221Y	220	+/- 30 %	22	4	565	0.65	650	09J2975	0.715
● SRU1038-3R5Y	3.5	+/- 30 %	14	35	11.5	5.50	5.5	09J2976	0.716
● SRU1038-330Y	33	+/- 30 %	22	10	86	1.80	1.8	09J2977	0.681
● SRU1038-331Y	330	+/- 30 %	20	3	773	0.55	520	09J2978	0.716
● SRU1038-470Y	47	+/- 30 %	22	8	121	1.65	1.6	09J2979	0.681
● SRU1038-5R0Y	5	+/- 30 %	12	30	14.5	4.60	4.8	09J2980	0.681
● SRU1038-6R2Y	6.2	+/- 30 %	12	25	16.5	4.00	4.2	09J2981	0.681
● SRU1038-680Y	68	+/- 30 %	24	7	166	1.10	1.3	09J2982	0.681

➔ CONTINUED ➔

SRU SERIES - SHIELDED SMD POWER INDUCTORS (CONT.)

SUR1038: 4.8mm UNIT HEIGHT, 7.8A 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
● SRU1048-R80Y	800	+/- 30 %	8	100	3.6	7.80	8.5	09J2983	0.681
● SRU1048-1R5Y	1.5	+/- 30 %	14	70	4.3	7.00	7.2	09J2984	0.681
● SRU1048-100Y	10	+/- 30 %	26	16	18.5	4.50	3.7	09J2985	0.716
● SRU1048-101Y	100	+/- 30 %	26	5	160	1.20	1	09J2986	0.681
● SRU1048-150Y	15	+/- 30 %	30	14	29	3.20	2.7	09J2987	0.716
● SRU1048-151Y	150	+/- 30 %	24	4.5	235	1.00	800	09J2988	0.716
● SRU1048-2R2Y	2.2	+/- 30 %	14	55	5.3	6.50	6.3	09J2989	0.716
● SRU1048-220Y	22	+/- 30 %	22	12	42	2.60	2	09J2990	0.716
● SRU1048-221Y	220	+/- 30 %	20	4	350	0.80	700	09J2991	0.716
● SRU1048-3R0Y	3	+/- 30 %	14	40	7.2	6.20	6	09J2992	0.681
● SRU1048-330Y	33	+/- 30 %	24	10	63	2.10	1.7	09J2993	0.681
● SRU1048-331Y	330	+/- 30 %	18	3	490	0.65	520	09J2994	0.716
● SRU1048-4R7Y	4.7	+/- 30 %	12	30	9.5	5.50	4.75	09J2995	0.681
● SRU1048-470Y	47	+/- 30 %	26	8	94	1.70	1.5	09J2996	0.716
● SRU1048-560Y	56	+/- 30 %	26	7	110	1.60	1.4	09J2997	0.681
● SRU1048-6R8Y	6.8	+/- 30 %	10	20	13.6	4.80	4.1	09J2998	0.681
● SRU1048-680Y	68	+/- 30 %	24	6	127	1.40	1.25	09J2999	0.716
● SRU1048-8R2Y	8.2	+/- 30 %	8	18	15	4.60	3.8	09J3000	0.716
● SRU1048-820Y	82	+/- 30 %	24	5.5	149	1.30	1.1	09J3001	0.681

SUR301: 1.1mm UNIT HEIGHT, 7.8A CURRENT

● SRU3011-1R5Y	1.5	+/- 30 %	7	180	57	1.10	1	09J3002	0.647
● SRU3011-100Y	10	+/- 30 %	8	60	340	0.40	350	09J3003	0.647
● SRU3011-2R2Y	2.2	+/- 30 %	7	150	80	0.92	900	09J3004	0.647
● SRU3011-3R3Y	3.3	+/- 30 %	8	120	116	0.84	780	09J3006	0.647
● SRU3011-4R7Y	4.7	+/- 30 %	8	90	178	0.63	620	09J3007	0.647
● SRU3011-6R8Y	6.8	+/- 30 %	7	85	245	0.50	460	09J3008	0.647

SUR5011: 1.1mm UNIT HEIGHT, 1800mA CURRENT

● SRU5011-1R5Y	1.5	+/- 30 %	8	195	32	1.80	1.5	09J3009	0.647
● SRU5011-100Y	10	+/- 30 %	12	50	170	0.70	580	09J3010	0.647
● SRU5011-101Y	100	+/- 30 %	30	15	1.6	0.20	180	09J3011	0.647
● SRU5011-150Y	15	+/- 30 %	12	42	250	0.60	480	09J3012	0.647
● SRU5011-2R5Y	2.5	+/- 30 %	8	125	52	1.30	1.1	09J3013	0.647
● SRU5011-220Y	22	+/- 30 %	14	38	380	0.50	400	09J3014	0.647
● SRU5011-3R3Y	3.3	+/- 30 %	8	110	66	1.15	940	09J3015	0.647
● SRU5011-330Y	33	+/- 30 %	14	30	550	0.38	300	09J3016	0.647
● SRU5011-4R7Y	4.7	+/- 30 %	8	85	95	1.00	820	09J3017	0.647
● SRU5011-470Y	47	+/- 30 %	16	25	800	0.32	260	09J3018	0.647
● SRU5011-6R8Y	6.8	+/- 30 %	8	70	130	0.82	680	09J3019	0.647
● SRU5011-680Y	68	+/- 30 %	14	20	1.24	0.26	220	09J3020	0.647

SUR5016: 1.6mm UNIT HEIGHT, 18A CURRENT

● SRU5016-1R8Y	1.8	+/- 30 %	9	100	24	1.75	1.7	09J3022	0.681
● SRU5016-100Y	10	+/- 30 %	15	40	84	1.00	900	09J3023	0.647
● SRU5016-101Y	100	+/- 30 %	18	12	850	0.30	270	09J3024	0.647
● SRU5016-150Y	15	+/- 30 %	15	32	130	0.80	720	09J3025	0.647
● SRU5016-220Y	22	+/- 30 %	15	28	195	0.65	560	09J3026	0.647
● SRU5016-3R3Y	3.3	+/- 30 %	9	80	35	1.55	1.5	09J3027	0.681
● SRU5016-330Y	33	+/- 30 %	13	22	300	0.54	500	09J3028	0.647
● SRU5016-4R7Y	4.7	+/- 30 %	9	60	43	1.30	1.2	09J3029	0.681
● SRU5016-470Y	47	+/- 30 %	18	18	390	0.46	420	09J3030	0.647
● SRU5016-6R8Y	6.8	+/- 30 %	8	50	50	1.20	1.1	09J3031	0.647
● SRU5016-680Y	68	+/- 30 %	18	15	560	0.36	330	09J3032	0.647

SUR5018: 1.8mm UNIT HEIGHT, 2.8A CURRENT

● SRU5018-1R0Y	1	+/- 30 %	9	200	12.5	2.80	2.85	09J30
----------------	---	----------	---	-----	------	------	------	-------

POWER INDUCTORS – SMD

SRU SERIES - SHIELDED SMD POWER INDUCTORS (CONT.)

SUR5028: 2.8mm UNIT HEIGHT, 3.5A 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
SRU5028-3R3Y	3.3	+/- 30 %	10	90	24	2.8	2.1	09J3052	0.681
SRU5028-330Y	33	+/- 30 %	15	16	203	0.8	680	09J3053	0.647
SRU5028-4R7Y	4.7	+/- 30 %	9	50	32	2.2	1.85	09J3054	0.647
SRU5028-470Y	47	+/- 30 %	13	13	285	0.7	620	09J3055	0.681
SRU5028-6R8Y	6.8	+/- 30 %	10	55	42	2	1.55	09J3056	0.681
SRU5028-680Y	68	+/- 30 %	13	10	450	0.56	460	09J3057	0.647

SUR8028: 2.8mm UNIT HEIGHT, 4.5A CURRENT

SRU8028-100Y	10	+/- 30 %	22	35	45	2.6	2.2	09J3058	0.681
SRU8028-101Y	100	+/- 30 %	35	8	390	0.75	700	09J3059	0.647
SRU8028-150Y	15	+/- 30 %	20	25	66	2	1.7	09J3060	0.647
SRU8028-2R5Y	2.5	+/- 30 %	15	65	13.6	4.5	4.2	09J3061	0.647
SRU8028-220Y	22	+/- 30 %	22	20	106	1.6	1.5	09J3062	0.647
SRU8028-3R3Y	3.3	+/- 30 %	12	60	17.5	3.6	3.5	09J3063	0.647
SRU8028-330Y	33	+/- 30 %	20	15	147	1.3	1.1	09J3064	0.647
SRU8028-4R7Y	4.7	+/- 30 %	15	50	20	3.7	3.2	09J3065	0.681
SRU8028-470Y	47	+/- 30 %	14	12	177	1.2	1	09J3066	0.647
SRU8028-6R8Y	6.8	+/- 30 %	13	40	34	2.8	2.5	09J3067	0.647
SRU8028-680Y	68	+/- 30 %	23	9	317	0.85	800	09J3068	0.647

SUR8043: 4.3mm UNIT HEIGHT, 5.4A CURRENT

SRU8043-100Y	10	+/- 30 %	27	20	30	3.5	2.7	09J3069	0.681
SRU8043-101Y	100	+/- 30 %	50	6	287	1	800	09J3070	0.681
SRU8043-150Y	15	+/- 30 %	26	15	46	2.7	2	09J3071	0.647
SRU8043-2R2Y	2.2	+/- 30 %	15	65	11.2	5.4	5.2	09J3072	0.647
SRU8043-220Y	22	+/- 30 %	24	12	72.5	2.2	1.7	09J3073	0.681
SRU8043-3R9Y	3.9	+/- 30 %	15	42	14.6	4.8	4	09J3074	0.647
SRU8043-330Y	33	+/- 30 %	21	11	100	1.7	1.4	09J3075	0.681
SRU8043-470Y	47	+/- 30 %	21	9	120	1.5	1.2	09J3077	0.681
SRU8043-6R8Y	6.8	+/- 30 %	12	30	22.4	3.8	3.1	09J3078	0.681
SRU8043-680Y	68	+/- 30 %	20	7	192	1.2	1	09J3079	0.681

(80010)

70 SERIES HIGH POWER SHIELDED LOW PROFILE SMT INDUCTORS



Just Added

- Inductance tolerance: ±20%
- Test Frequency: 100 kHz
- Operating temperature: -40°C to +125°C



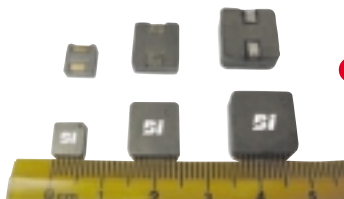
Mfg. Part No.	L (Induct.) (μH)	I _{rated} @ 25°C (A)	DC Resist. (mΩ) max.	Stock No.	Price Each
HM70-50R70LFTR13	0.7	30	1.26	15M0607	1.200
HM70-101R0LFTR13	1	16	2.90	15M0603	1.060
HM70-401R2LFTR13	1.25	34	1.80	15M0606	1.160
HM70-601R2LFTR13	1.25	24	2.00	15M0609	1.230
HM70-301R5LFTR13	1.50	16	2.48	15M0605	1.090
HM70-201R9LFTR13	1.94	12	5.42	15M0604	1.090

(89521)

72A SERIES HIGH POWER LOW COST SMT INDUCTORS



- Inductance tolerance: ±20%
- Test Frequency: 100 kHz
- Operating temperature: -40°C to +180°C



Just Added

Mfg. Part No.	L (Induct.) (μH)	Stock No.	Price Each
HM72A-06R80LFTR13	0.5	15M0611	2.300
HM72A-06R2R2LFTR13	2.2	15M0612	2.300
HM72A-06R4R7LFTR13	4.7	15M0613	2.300

(89547)

79 SERIES LOW COST MEDIUM POWER SMT INDUCTORS



Just Added

- Inductance tolerance: ±20%
- Test Frequency: 100 kHz
- Operating temperature: -40°C to +125°C



2

INDUCTANCE TOLERANCE: ±20%, TEST FREQUENCY: 100KHZ

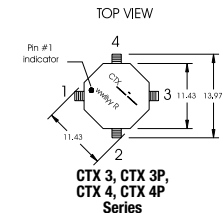
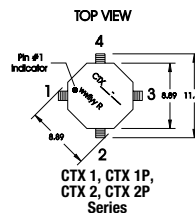
Mfg. Part No.	L (Induct.) (μH)	Rated Current (A)	DC Resist. (Ω) max.	Stock No.	Price Each
HM79-101R0LFTR13	1	2.56	0.048	15M0908	0.260
HM79-20220LFTR13	22	1.11	0.18	15M0912	0.260
HM79-20101LFTR13	100	0.52	0.70	15M0910	0.260

INDUCTANCE TOLERANCE: ±20%, TEST FREQUENCY: 1KHZ

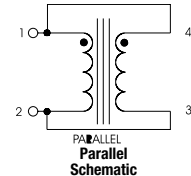
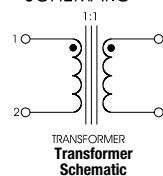
HM79-30270LFTR13	27	0.94	0.153	15M0914	0.329
HM79-50270LFTR13	27	1.44	0.100	15M0918	0.364
HM79-40330LFTR13	33	1.20	0.13	15M0916	0.346
HM79-50121LFTR13	120	0.69	0.396	15M0917	0.364
HM79-30181LFTR13	180	0.36	1.002	15M0913	0.329
HM79-40221LFTR13	220	0.49	0.96	15M0915	0.346

(89523)

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



SCHEMATIC



- Infrared reflow temperature: +240°C for 30 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	3.430
CTX2-2P-R	2.18	1.56	0.014	8.7	6.26	0.055	29K6539	3.430
CTX5-4P-R	5.15	3.56	0.027	20.62	14.23	0.107	29K6158	3.430
CTX10-1P-R	9.62	6.23	0.057	38.48	24.94	0.227	29K6149	2.860
CTX10-2P-R	9.83	6.73	0.045	39.3	26.92	0.179	29K6151	3.460
CTX10-4P-R	9.88	6.7	0.047	39.53	26.79	0.187	29K6154	3.430
CTX20-2P-R	19.58	13.37	0.097	78.34	53.48	0.387	29K6540	3.050
CTX50-4P-R	48.8	32.21	0.201	195.2	128.83	0.805	29K6161	3.430

OCTA-PAC — CUT TAPE

CTX5-2-R	4.7	2.66	0.021	18.8	10.65	0.084	29K6156	5.470
CTX5-4-R	4.9	2.59	0.014	19.6	10.37	0.056	29K6157	5.640
CTX10-3-R	9.6	4.38	0.028	38.4	17.54	0.111	29K6152	6.180

➤ CONTINUED ➤

POWER INDUCTORS – SMD • POWER INDUCTORS – TOROIDIAL

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

OCTA-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)		
● CTX10-4-R	9.6	4.82	0.019	38.42	19.28	0.078	29K6153	6.320
● CTX10-1-R	10	4.85	0.044	40	19.4	0.176	29K6148	5.000
● CTX10-2-R	10.58	5.18	0.031	42.3	20.72	0.125	29K6150	6.070
● CTX20-4-R	19.6	10.68	0.055	78.4	42.73	0.22	29K6542	5.830
● CTX20-3-R	20.18	10.76	0.078	80.74	43.04	0.312	29K6541	6.180
● CTX50-4-R	50.18	25.03	0.111	200.7	100.11	0.443	29K6160	6.640
● CTX50-2-R	51.18	28.79	0.21	204.73	115.16	0.839	29K6159	6.390
● CTX100-4-R	99.23	54.56	0.302	396.9	218.25	1.21	29K6604	6.640
● CTX150-4-R	148.23	77.17	0.372	592.9	308.69	1.488	29K6155	6.610
● CTX300-4-R	298.12	147.92	0.672	1192.46	591.66	2.687	29K6543	6.610

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	600	1.570
● CTX2-2P-R	2.18	1.56	0.014	8.7	6.26	0.055	27K6994	800	1.570
● CTX5-4P-R	5.15	3.56	0.027	20.62	14.23	0.107	27K7143	600	1.570
● CTX10-1P-R	9.62	6.23	0.057	38.48	24.94	0.227	27K6928	1100	1.310
● CTX10-2P-R	9.83	6.73	0.045	39.3	26.92	0.179	27K6934	800	1.570
● CTX10-4P-R	9.88	6.7	0.047	39.53	26.79	0.187	27K6940	600	1.570
● CTX20-2P-R	19.58	13.37	0.097	78.34	53.48	0.387	27K7011	800	1.570
● CTX50-4P-R	48.8	32.21	0.201	195.2	128.83	0.805	27K7159	600	1.570

OCTA-PAC — TAPE ON REEL

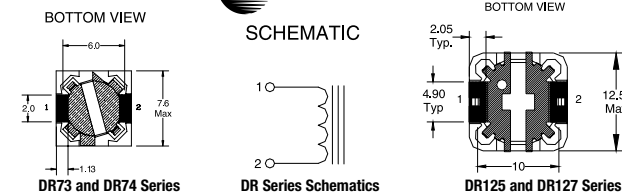
Mfg. Part No.	Parallel Mode			Series Mode			Stock No.	Qty.	Price Each
	O.C. L (μH)	F.L. L (μH)	DCR max. (Ω)	O.C. L (μH)	F.L. L (μH)	DCR max. (Ω)			
● CTX5-2-R	4.7	2.66	0.021	18.8	10.65	0.084	27K7135	800	2.500
● CTX5-4-R	4.9	2.59	0.014	19.6	10.37	0.056	27K7141	600	2.580
● CTX10-3-R	9.6	4.38	0.028	38.4	17.54	0.111	27K6935	800	2.820
● CTX10-4-R	9.6	4.82	0.019	38.42	19.28	0.078	27K6938	600	2.870
● CTX10-1-R	10	4.85	0.044	40	19.4	0.176	27K6923	1100	2.270
● CTX10-2-R	10.58	5.18	0.031	42.3	20.72	0.125	27K6929	800	2.760
● CTX20-4-R	19.6	10.68	0.055	78.4	42.73	0.22	27K7015	600	2.870
● CTX20-3-R	20.18	10.76	0.078	80.74	43.04	0.312	27K7012	800	2.820
● CTX50-4-R	50.18	25.03	0.111	200.7	100.11	0.443	27K7157	600	3.020
● CTX50-2-R	51.18	28.79	0.21	204.73	115.16	0.839	27K7150	800	2.920
● CTX100-4-R	99.23	54.56	0.302	396.9	218.25	1.21	27K6955	600	3.020
● CTX150-4-R	148.23	77.17	0.372	592.9	308.69	1.488	27K6985	600	3.020
● CTX300-4-R	298.12	147.92	0.672	1192.46	591.66	2.687	27K7056	600	3.020

(84685)

DR SERIES HIGH POWER DENSITY, HIGH EFFICIENCY, SHIELDED INDUCTORS



COILTRONICS®



- 125°C max. total temperature operation
- Four sizes of shielded drum core inductors
- Inductance range from 0.33μH to 100μH
- Secure mounting
- Infrared reflow temperature: +240°C for 30 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	1.590	27K7340	0.652
● DR73-2R2-R	2.2	2.07	4.15	5.52	0.0165	29K6168	1.590	27K7347	0.652
● DR74-1R0-R	1	0.952	5.39	10.2	0.0099	29K6169	1.620	27K7364	0.668
● DR74-100-R	10	9.882	2.41	3.17	0.0489	29K6170	1.620	27K7366	0.668
● DR125-4R7-R	4.7	5.274	7.18	9.71	0.0105	29K6165	1.660	27K7306	0.682
● DR127-4R7-R	4.7	4.841	8.25	16.5	0.00917	29K6166	1.820	27K7330	0.774

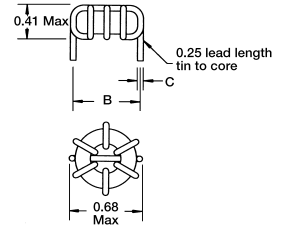
(84711)

HIGH-CURRENT TOROID INDUCTORS



Features:

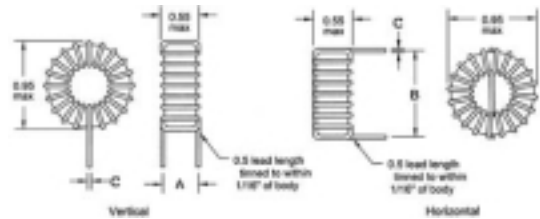
- Low Radiation
- Low Core Loss
- High Operation Frequency
- High Current Capacity
- Low Core Saturation
- Horizontal Mount
- Operating Temperature: -55°C to +105°C
- Rated Current to Cause 40°C Temperature Rise
- Tolerance: ±20%
- Test Frequency: 1kHz



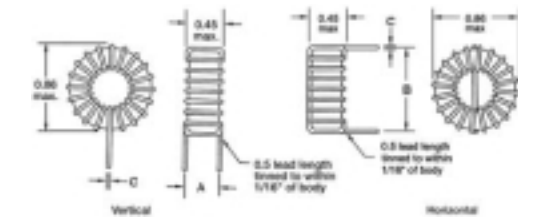
Mfg. Part No.	L (Induct.) (μH)	L (Induct.) @ I _{rated} (μH)	DCR Max. (mΩ)	I _{DC} (A)	Dimensions (in.)			Stock No.	Price Each
					B Nom.	C Nom.			
● 2000-1R2-H-RC	1.2	0.86	1.7	2.2	0.60	0.059		63K3408	1.250
● 2000-2R0-H-RC	2	1.5	2.7	15.6	0.59	0.053		63K3410	1.250
● 2000-3R3-H-RC	3.3	2.5	5.3	11.1	0.58	0.042		63K3411	1.250
● 2000-4R7-H-RC	4.7	3.5	6.4	1.1	0.58	0.042		63K3412	1.250
● 2000-5R6-H-RC	5.6	4.0	6.9	9.7	0.58	0.042		63K3413	1.250
● 2000-6R8-H-RC	6.8	5.7	13	7.2	0.56	0.034		63K3414	1.250
● 2000-100-H-RC	10	7.9	15	6.6	0.56	0.034		63K3409	1.250

(72551)

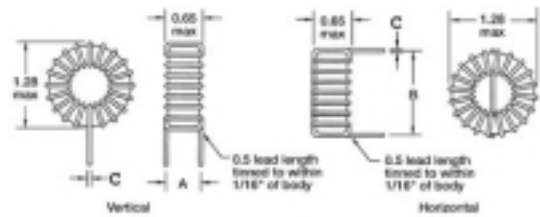
2100-2300 SERIES HIGH CURRENT TOROID INDUCTORS



2200 Series



2100 Series



2300 Series

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

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		
● 2101-V-RC	10	6.3	0.006	10.8	0.34	0.77	0.053	63K3630	2.570 1.930
● 2102-V-RC	12	7.4	0.007	10.3	0.34	0.77	0.053	63K3631	2.570 1.930
● 2103-V-RC	15	10.2	0.012	7.7	0.33	0.76	0.042	63K3632	2.570 1.930
● 2104-V-RC	18	11.9	0.013	7.4	0.33	0.76	0.042	63K3633	2.570 1.930
● 2105-V-RC	22	14.2	0.015	7	0.33	0.76	0.042	63K3634	2.570 1.930
● 2106-V-RC	27	19.1	0.026	5.3	0.32	0.75	0.034	63K3635	2.570 1.930
● 2107-V-RC	33	22.8	0.029	5	0.32	0.75	0.034	63K3636	2.570 1.930
● 2108-V-RC	39	26.4	0.032	4.8	0.32	0.75	0.034	63K3637	2.570 1.930
● 2109-V-RC	47	34.7	0.055	3.6	0.31	0.75	0.027	63K3638	2.570 1.930

▶ CONTINUED ▶

POWER INDUCTORS – TOROIDIAL

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

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
● 2110-V-RC	56	40.6	0.060	3.4	0.31	0.75	0.027	63K3639	2.570	1.930
● 2111-V-RC	68	48.3	0.067	3.3	0.31	0.75	0.027	63K3640	2.570	1.930
● 2112-V-RC	100	75.2	0.13	2.4	0.31	0.74	0.022	63K3642	2.570	1.930
● 2113-V-RC	120	88.5	0.15	2.2	0.31	0.74	0.022	63K3644	2.570	1.930
● 2114-V-RC	150	84.3	0.062	3.4	0.35	0.79	0.034	63K3646	2.570	1.930
● 2115-V-RC	180	113.1	0.11	2.6	0.34	0.77	0.027	63K3648	2.570	1.930
● 2116-V-RC	220	134.4	0.12	2.4	0.34	0.77	0.027	63K3650	2.570	1.930
● 2117-V-RC	270	181.6	0.21	1.8	0.33	0.76	0.022	63K3652	2.570	1.930
● 2118-V-RC	330	216.3	0.23	1.7	0.33	0.76	0.022	63K3654	2.570	1.930
● 2119-V-RC	390	250.1	0.25	1.7	0.33	0.76	0.022	63K3656	2.570	1.930
● 2120-V-RC	470	293.8	0.28	1.6	0.35	0.76	0.022	63K3658	2.570	1.930
● 2121-V-RC	560	341.5	0.30	1.5	0.35	0.79	0.022	63K3660	2.570	1.930
● 2122-V-RC	680	403.2	0.33	1.4	0.35	0.79	0.022	63K3662	2.570	1.930
● 2123-V-RC	820	472.8	0.37	1.4	0.35	0.79	0.022	63K3664	2.570	1.930
● 2124-V-RC	1000	559.2	0.40	1.3	0.37	0.81	0.022	63K3666	2.570	1.930

2200 SERIES: VERTICAL MOUNT

● 2101-H-RC	10	6.3	0.006	10.8	0.34	0.77	0.053	63K3415	2.570	1.930
● 2102-H-RC	12	7.4	0.007	10.3	0.34	0.77	0.053	63K3416	2.570	1.930
● 2103-H-RC	15	10.2	0.012	7.7	0.33	0.76	0.042	63K3417	3.000	2.140
● 2104-H-RC	18	11.9	0.013	7.4	0.33	0.76	0.042	63K3418	2.570	1.930
● 2105-H-RC	22	14.2	0.015	7	0.33	0.76	0.042	63K3419	3.000	2.140
● 2106-H-RC	27	19.1	0.026	5.3	0.32	0.75	0.034	63K3420	3.000	2.140
● 2107-H-RC	33	22.8	0.029	5	0.32	0.75	0.034	63K3421	2.570	1.930
● 2108-H-RC	39	26.4	0.032	4.8	0.32	0.75	0.034	63K3422	3.000	2.140
● 2109-H-RC	47	34.7	0.055	3.6	0.31	0.75	0.027	63K3423	3.000	2.140
● 2110-H-RC	56	40.6	0.060	3.4	0.31	0.75	0.027	63K3424	3.000	2.140
● 2111-H-RC	68	48.3	0.067	3.3	0.31	0.75	0.027	63K3425	3.000	2.140
● 2112-H-RC	100	75.2	0.13	2.4	0.31	0.74	0.022	63K3641	2.570	1.930
● 2113-H-RC	120	88.5	0.15	2.2	0.31	0.74	0.022	63K3643	2.570	1.930
● 2114-H-RC	150	84.3	0.062	3.4	0.35	0.79	0.034	63K3645	2.570	1.930
● 2115-H-RC	180	113.1	0.11	2.6	0.34	0.77	0.027	63K3647	2.570	1.930
● 2116-H-RC	220	134.4	0.12	2.4	0.34	0.77	0.027	63K3649	2.570	1.930
● 2117-H-RC	270	181.6	0.21	1.8	0.33	0.76	0.022	63K3651	2.570	1.930
● 2118-H-RC	330	216.3	0.23	1.7	0.33	0.76	0.022	63K3653	2.570	1.930
● 2119-H-RC	390	250.1	0.25	1.7	0.33	0.76	0.022	63K3655	2.570	1.930
● 2120-H-RC	470	293.8	0.28	1.6	0.35	0.76	0.022	63K3657	2.570	1.930
● 2121-H-RC	560	341.5	0.30	1.5	0.35	0.79	0.022	63K3659	2.570	1.930
● 2122-H-RC	680	403.2	0.33	1.4	0.35	0.79	0.022	63K3661	2.570	1.930
● 2123-H-RC	820	472.8	0.37	1.4	0.35	0.79	0.022	63K3663	2.570	1.930
● 2124-H-RC	1000	559.2	0.40	1.3	0.37	0.81	0.022	63K3665	2.570	1.930

2200 SERIES: VERTICAL MOUNT

● 2201-V-RC	10	6.7	0.007	12.5	0.46	0.88	0.053	63K3668	3.420	2.570
● 2202-V-RC	12	7.9	0.008	12	0.46	0.88	0.053	63K3670	3.420	2.570
● 2203-V-RC	15	9.6	0.008	11.3	0.46	0.88	0.053	63K3672	3.420	2.570
● 2204-V-RC	18	11.3	0.009	10.8	0.46	0.88	0.053	63K3674	3.420	2.570
● 2205-V-RC	22	13.4	0.010	10.3	0.46	0.88	0.053	63K3676	3.420	2.570
● 2206-V-RC	27	16	0.011	9.8	0.46	0.88	0.053	63K3678	3.420	2.570
● 2207-V-RC	33	21.6	0.020	7.4	0.45	0.87	0.042	63K3680	3.420	2.570
● 2208-V-RC	39	25	0.022	7.1	0.45	0.87	0.042	63K3682	3.420	2.570
● 2209-V-RC	47	29.3	0.024	6.7	0.45	0.87	0.042	63K3684	3.420	2.570
● 2210-V-RC	56	34.1	0.026	6.4	0.45	0.87	0.042	63K3686	3.420	2.570
● 2211-V-RC	68	45.7	0.046	4.9	0.44	0.86	0.034	63K3688	3.420	2.570
● 2212-V-RC	100	64	0.056	4.4	0.44	0.86	0.034	63K3690	3.420	2.570
● 2213-V-RC	120	84.4	0.098	3.3	0.44	0.86	0.027	63K3692	3.420	2.570
● 2214-V-RC	150	102.7	0.11	3.1	0.44	0.86	0.027	63K3695	3.420	2.570
● 2215-V-RC	180	105.9	0.075	3.8	0.48	0.9	0.034	63K3697	3.420	2.570
● 2216-V-RC	220	125.6	0.083	3.6	0.48	0.9	0.034	63K3699	3.420	2.570
● 2217-V-RC	270	149.4	0.092	3.4	0.48	0.9	0.034	63K3701	3.720	2.790
● 2218-V-RC	330	176.8	0.10	3.3	0.48	0.9	0.034	63K3703	3.720	2.790
● 2219-V-RC	390	235.3	0.18	2.5	0.46	0.88	0.027	63K3705	3.720	2.790
● 2220-V-RC	470	275.9	0.19	2.3	0.46	0.88	0.027	63K3707	3.720	2.790
● 2221-V-RC	560	320.1	0.21	2.2	0.46	0.88	0.027	63K3709	3.720	2.790
● 2222-V-RC	680	377.2	0.23	2.1	0.49	0.91	0.027	63K3711	3.720	2.790
● 2223-V-RC	820	441.5	0.26	2	0.49	0.91	0.027	63K3713	3.720	2.790
● 2224-V-RC	1000	521.3	0.28	1.9	0.49	0.91	0.027	63K3715	3.720	2.790

2200 SERIES: HORIZONTAL MOUNT

● 2201-H-RC	10	6.7	0.007	12.5	0.46	0.88	0.053	63K3667	3.420	2.570
● 2202-H-RC	12	7.9	0.008	12	0.46	0.88	0.053	63K3669	3.420	2.570
● 2203-H-RC	15	9.6	0.008	11.3	0.46	0.88	0.053	63K3671	3.420	2.570
● 2204-H-RC	18	11.3	0.009	10.8	0.46	0.88	0.053	63K3673	3.420	2.570
● 2205-H-RC	22	13.4	0.010	10.3	0.46	0.88	0.053	63K3675	3.420	2.570
● 2206-H-RC	27	16	0.011	9.8	0.46	0.88	0.053	63K3677	3.420	2.570
● 2207-H-RC	33	21.6	0.020	7.4	0.45	0.87	0.042	63K3679	3.420	2.570

▶ CONTINUED ▶

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

2200 SERIES: HORIZONTAL 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
● 2208-H-RC	39	25	0.022	7.1	0.45	0.87	0.042	63K3681	3.420	2.570
● 2209-H-RC	47	29.3	0.024	6.7	0.45	0.87	0.042	63K3683	3.420	2.570
● 2210-H-RC	56	34.1	0.026	6.4	0.45	0.87	0.042	63K3685	3.420	2.570
● 2211-H-RC	68	45.7	0.046	4.9	0.44	0.86	0.034	63K3687	3.420	2.570
● 2212-H-RC	100	64	0.056	4.4	0.44	0.86	0.034	63K3689	3.420	2.570
● 2213-H-RC	120	84.4	0.098	3.3	0.44	0.86	0.027	63K3691	3.420	2.570
● 2214-H-RC	150	102.7	0.11	3.1	0.44	0.86	0.027	63K3694	3.420	2.570
● 2215-H-RC	180	105.9	0.075	3.8	0.48	0.9	0.034	63K3696	3.420	2.570
● 2216-H-RC	220	125.6	0.083	3.6	0.48	0.9	0.034	63K3698	3.420	2.570
● 2217-H-RC	270	149.4	0.092	3.4	0.48	0.9	0.034	63K3700	3.720	2.790
● 2218-H-RC	330	176.8	0.10	3.3	0.48	0.9	0.034	63K3702	3.720	2.790
● 2219-H-RC	390	235.3	0.18	2.5	0.46	0.88	0.027	63K3704	3.720	2.790
● 2220-H-RC	470	275.9	0.19	2.3	0.46	0.88	0.027	63K3706	3.720	2.790
● 2221-H-RC	560	320.1	0.21	2.2	0.46	0.88	0.027	63K3708	3.720	2.790
● 2222-H-RC	680	377.2	0.23	2.1	0.49	0.91	0.027	63K3710	3.720	2.790
● 2223-H-RC	820	441.5	0.26	2	0.49	0.91	0.027	63K3712	3.720	2.790
● 2224-H-RC	1000	521.3	0.28	1.9	0.49	0.91	0.027	63K3714	3.720	2.790

2300 SERIES: VERTICAL MOUNT

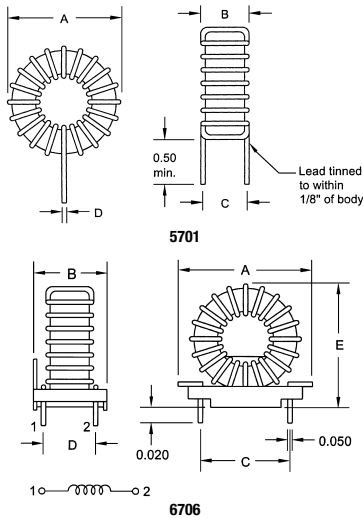
● 2301-V-RC	10	6.7	0.005	20	0.56	1.18	0.066	63K3717	3.990	3.000
● 2302-V-RC	12	7.8	0.005	19.1	0.56	1.18	0.066	63K3719	3.990	3.000
● 2303-V-RC	15	9.5	0.006	18	0.56	1.18	0.066	63K3721	3.990	3.000
● 2304-V-RC	18	11.1	0.006	17.2	0.56	1.18	0.066	63K3723	3.990	3.000
● 2305-V-RC	22	13.2	0.007	16.4	0.56	1.18	0.066	63K3725	3.990	3.000
● 2306-V-RC	27	15.7	0.008	15.6	0.56	1.18	0.066	63K3727	3.990	3.000
● 2307-V-RC	33	21.3	0.013	11.7	0.53	1.14	0.053	63K3729	3.990	3.000
● 2308-V-RC	39	24.7	0.014	11.2	0.53	1.14	0.053	63K3731	3.990	3.000
● 2309-V-RC	47	29	0.016	10.7	0.53	1.14	0.053	63K3733	3.990	3.000
● 2310-V-RC	56	33.7	0.017	10.2	0.53	1.14	0.053	63K3735	3.990	3.000
● 2311-V-RC	68	45.2	0.030	7.7	0.52	1.13	0.042	63K3737	3.990	3.000
● 2312-V-RC	100	63.1	0.037	7	0.52	1.13	0.042	63K3739	3.990	3.000
● 2313-V-RC	120	73.9	0.040	6.7	0.52	1.13	0.042	63K3741	3.990	3.000
● 2314-V-RC	150	101.4	0.071	5	0.51	1.12	0.034	63K3743	3.990	3.000
● 2315-V-RC	180	118.9	0.078	4.8	0.51	1.12	0.034	63K3745	3.990	3.000
● 2316-V-RC	220	123.8	0.054	5.8	0.56	1.17	0.042	63K3747	3.990	3.000
● 2317-V-RC	270	147.2	0.060	5.5	0.56	1.17	0.042	63K3749	3.990	3.000
● 2318-V-RC	330	174.1	0.067	5.2	0.56	1.17	0.042	63K3751	3.990	3.000
● 2319-V-RC	390	200.2	0.072	5	0.56	1.17	0.042	63K3753	3.990	3.000
● 2320-V-RC	470	271.4	0.13	3.8	0.54	1.16	0.034	63K3755	3.990	3.000
● 2321-V-RC	560	314.8	0.14	3.6	0.54	1.16	0.034	63K3757	3.990	3.000
● 2322-V-RC	680	370.7	0.15	3.4	0.54	1.16	0.034	63K3759	3.990	3.000
● 2323-V-RC	820	500.9	0.27	2.6	0.53	1.14	0.027	63K3761	3.990	3.000
● 2324-V-RC	1000	593.6	0.30	2.4	0.53	1.14	0.027	63K3763	3.990	3.000

POWER INDUCTORS – TOROIDIAL

HIGH CURRENT TOROID INDUCTORS



J.W. Miller
MAGNETICS
A Bourns Company



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 1-9
					A	B	C	D			
● 5701-RC	10	5	0.008	11	0.875	0.437	0.32	0.064		63K3779	5.340
● 5702-RC	25	12	0.014	5.5	0.875	0.437	0.3	0.04		63K3780	5.340
● 5703-RC	125	70	0.12	2.75	0.875	0.437	0.3	0.02		63K3781	5.340
● 5704-RC	275	150	0.24	2	0.875	0.437	0.3	0.016		63K3782	5.340
● 5705-RC	450	250	0.49	1.5	0.875	0.437	0.3	0.012		63K3783	5.340
● 5706-RC	25	15	0.012	9	1.125	0.562	0.45	0.064		63K3784	5.340
● 5707-RC	75	40	0.04	5	1.125	0.562	0.42	0.036		63K3785	5.340
● 5708-RC	400	225	0.33	2.25	1.125	0.562	0.42	0.018		63K3786	5.340
● 5709-RC	800	475	0.64	1.75	1.125	0.562	0.42	0.015		63K3787	5.560
● 5710-RC	1000	575	0.98	1.5	1.125	0.562	0.4	0.012		63K3788	5.560
● 5711-RC	50	25	0.012	9.5	1.25	0.625	0.53	0.064		63K3789	5.340
● 5712-RC	150	85	0.046	4.75	1.25	0.625	0.5	0.036		63K3790	5.340
● 5713-RC	700	400	0.42	2.25	1.25	0.625	0.5	0.018		63K3791	6.350
● 5714-RC	1250	750	0.85	1.75	1.25	0.625	0.48	0.015		63K3792	6.350
● 5715-RC	1600	950	1.27	1.5	1.25	0.625	0.48	0.012		63K3793	6.350
● 5716-RC	125	65	0.032	7.75	1.812	0.75	0.68	0.064		63K3794	7.470
● 5717-RC	500	275	0.12	4	1.812	0.75	0.65	0.032		63K3795	7.470
● 5718-RC	1100	650	0.33	2.5	1.812	0.75	0.65	0.025		63K3796	7.470
● 5719-RC	2250	1350	0.92	1.75	1.812	0.75	0.65	0.018		63K3797	3.750
● 5720-RC	4500	2700	2.64	1.25	1.812	0.75	0.65	0.012		63K3798	7.470
● 5721-RC	250	125	0.041	8	2.125	0.937	0.79	0.062		63K3799	8.850
● 5722-RC	900	500	0.175	3.75	2.125	0.937	0.75	0.032		63K3800	8.850
● 5723-RC	1800	1000	0.55	2.5	2.125	0.937	0.75	0.023		63K3801	8.710
● 5724-RC	4000	2100	1.16	1.75	2.125	0.937	0.74	0.018		63K3802	8.850
● 5725-RC	8000	4500	3.34	1	2.125	0.937	0.74	0.012		63K3803	8.850
● 5726-RC	25	16	0.04	2.5	0.55	0.22	0.21	0.02		63K3804	4.790
● 5727-RC	35	29	0.035	2.5	0.7	0.32	0.3	0.025		63K3805	4.790
● 5728-RC	50	35	0.06	2.5	0.75	0.32	0.28	0.02		63K3806	4.790
● 5729-RC	100	70	0.08	2.5	0.85	0.36	0.33	0.02		63K3807	4.790
● 5730-RC	70	50	0.05	3	0.85	0.36	0.33	0.025		63K3808	4.790
● 5731-RC	40	30	0.025	4	0.85	0.36	0.34	0.032		63K3809	4.790

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 1-9
					A	B	C	D	E		
● 6701-RC	10	5	0.008	11	0.875	0.425	0.6	0.25	1	63K3913	6.710
● 6702-RC	25	12	0.014	5.5	0.875	0.425	0.6	0.25	1	63K3914	6.710
● 6703-RC	125	70	0.12	2.75	0.875	0.425	0.6	0.25	1	63K3915	6.630
● 6704-RC	275	150	0.24	2	0.875	0.425	0.6	0.25	1	63K3916	6.630
● 6705-RC	450	250	0.49	1.5	0.875	0.425	0.6	0.25	1	63K3917	6.630
● 6706-RC	25	15	0.012	9	1.125	0.6	0.8	0.4	1.25	63K3918	6.710

▶ CONTINUED ▶

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 1-9
					A	B	C	D	E		
● 6707-RC	75	40	0.04	5	1.125	0.6	0.8	0.4	1.25	63K3919	6.710
● 6708-RC	400	225	0.33	2.25	1.125	0.6	0.8	0.4	1.25	63K3920	6.710
● 6709-RC	800	475	0.64	1.75	1.125	0.6	0.8	0.4	1.25	63K3921	7.180
● 6710-RC	1000	675	0.98	1.5	1.125	0.6	0.8	0.4	1.25	63K3922	6.710
● 6711-RC	50	25	0.012	9.5	1.25	0.8	0.9	0.6	1.375	63K3923	6.710
● 6712-RC	150	85	0.046	4.75	1.25	0.8	0.9	0.6	1.375	63K3924	7.860
● 6713-RC	700	400	0.42	2.25	1.25	0.8	0.9	0.6	1.375	63K3925	6.710
● 6714-RC	1250	750	0.85	1.75	1.25	0.8	0.9	0.6	1.375	63K3926	7.860
● 6718-RC	1100	650	0.33	2.5	1.812	0.9	1.2	0.7	1.95	63K3930	7.170
● 6715-RC	1600	950	1.27	1.5	1.25	0.8	0.9	0.6	1.375	63K3927	7.860
● 6716-RC	125	65	0.032	7.75	1.812	0.9	1.2	0.7	1.95	63K3928	7.170
● 6717-RC	500	275	0.12	4	1.812	0.9	1.2	0.7	1.95	63K3929	7.170
● 6719-RC	2250	1350	0.92	1.75	1.812	0.9	1.2	0.7	1.95	63K3931	7.280
● 6720-RC	4500	2700	2.64	1.25	1.812	0.9	1.2	0.7	1.95	63K3932	8.570
● 6721-RC	250	125	0.041	8	2.125	1.1	1.5	0.9	2.25	63K3933	8.570
● 6722-RC	900	500	0.175	3.75	2.125	1.1	1.5	0.9	2.25	63K3934	5.680
● 6723-RC	1800	1000	0.55	2.5	2.125	1.1	1.5	0.9	2.25	63K3935	9.910
● 6724-RC	4000	2100	1.16	1.75	2.125	1.1	1.5	0.9	2.25	63K3936	9.910
● 6725-RC	8000	4500	3.34	1	2.125	1.1	1.5	0.9	2.25	63K3937	9.910
● 6726-RC	25	16	0.04	2.5	0.55	0.425	0.6	0.25	1	63K3938	7.240
● 6727-RC	35	29	0.035	2.5	0.7	0.425	0.6	0.25	1	63K3426	7.240
● 6728-RC	50	35	0.06	2.5	0.75	0.425	0.6	0.25	1	63K3939	7.240
● 6729-RC	100	70	0.08	2.5	0.85	0.425	0.6	0.25	1	63K3940	7.240
● 6730-RC	70	50	0.05	3	0.85	0.425	0.6	0.25	1	63K3941	7.240
● 6731-RC	40	30	0.025	4	0.85	0.425	0.6	0.25	1	63K3942	7.240

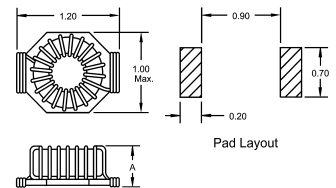
(72704)

PM2110 AND PM2120 SERIES SURFACE MOUNT HIGH CURRENT TOROID CONDUCTORS



J.W. Miller
MAGNETICS
A Bourns Company

SMD



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	2.000	1.870
● PM2110-1R8M-RC	1.8	18.5	1.4	0.003	0.57	63K3171	1.990	1.860
● PM2110-2R2M-RC	2.2	17.2	1.7	0.003	0.57	63K3181	1.990	1.860
● PM2110-2R7M-RC	2.7	16	2	0.004	0.62	63K3182	1.990	1.860
● PM2110-3R9M-RC	3.9	15.1	2.8	0.004	0.57	63K3188	1.990	1.860
● PM2110-4R7M-RC	4.7	14.4	3.4	0.004	0.62	63K3193	1.990	1.860
● PM2110-5R6M-RC	5.6	13.7	3.9	0.005	0.57	63K3196	1.990	1.860
● PM2110-6R8M-RC	6.8	13.1	4.6	0.005	0.59	63K3199	2.000	1.870
● PM2110-8R2M-RC	8.2	12.6	5.5	0.006	0.57	63K3202	1.990	1.860
● PM2110-100K-RC	10	11.7	6.5	0.007	0.53	63K3172	1.990	1.860
● PM2110-120K-RC	12	11.3	7.6	0.007	0.57	63K3175	1.990	1.860
● PM2110-150K-RC	15	1.7	9.2	0.008	0.57	63K3177	1.990	1.860
● PM2110-180K-RC	18	1.2	10.7	0.009	0.57	63K3179	1.990	1.860
● PM2110-220K-RC	22	9.7	12.7	0.01	0.60	63K3183	1.990	1.860
● PM2110-270K-RC	27	8.2	16	0.014	0.54	63K3185	1.990	1.860
● PM2110-330K-RC	33	7	20.1	0.019	0.60	63K3189	1.990	1.860
● PM2110-390K-RC	39	6.8	23.2	0.02	0.57	63K3191	1.990	1.860
● PM2110-470K-RC	47	6.5	27.2	0.022	0.57	63K3194	1.990	1.860
● PM2110-560K-RC	56	6.2	31.6	0.024	0.52	63K3197	1.990	1.860
● PM2110-680K-RC	68	5.9	37.1	0.027	0.60	63K3200	1.990	1.860
● PM2110-101K-RC	100	5.4	51.4	0.032	0.60	63K3173	1.990	1.860
● PM2110-121K-RC	120	5.1	59.6	0.035	0.57	63K3176	1.990	1.860
● PM2110-151K-RC	150	4.3	77.3	0.049	0.62	63K3178	1.990	1.860
● PM2110-181K-RC	180	3.7	96.3	0.066	0.57	63K3180	1.990	1.860
● PM2110-221K-RC	220	3.5	113.8	0.074	0.57	63K3184	1.990	1.860
● PM2110-271K-RC	270	3.4	134.9	0.082	0.62	63K3186	1.990	1.860
● PM2110-391K-RC	390	3.1	182.9	0.098	0.57	63K3192	1.990	1.860

▶ CONTINUED ▶

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	1.990	1.860
PM2110-561K-RC	560	2.5	266	0.146	0.54	63K3198	1.990	1.860
PM2110-681K-RC	680	2.1	337.1	0.202	0.57	63K3201	1.990	1.860
PM2110-821K-RC	820	2	394.1	0.221	0.62	63K3204	2.280	2.130
PM2110-102K-RC	1000	1.9	463.7	0.244	0.60	63K3174	1.990	1.860

PM2120 SERIES

PM2120-1R0M-RC	1	25.4	0.9	0.9	0.82	63K3205	2.260	2.110
PM2120-1R2M-RC	1.2	25.4	1.1	1.1	0.82	63K3206	2.260	2.110
PM2120-1R5M-RC	1.5	22	1.3	1.3	0.82	63K3207	2.260	2.110
PM2120-1R8M-RC	1.8	22	1.5	1.5	0.82	63K3208	2.260	2.110
PM2120-2R2M-RC	2.2	19.7	1.8	1.8	0.82	63K3218	2.440	2.280
PM2120-2R7M-RC	2.7	19.7	2.2	2.2	0.87	63K3219	2.440	2.280
PM2120-3R3M-RC	3.3	18	2.6	2.6	0.82	63K3224	2.440	2.280
PM2120-3R9M-RC	3.9	18	3.1	3.1	0.82	63K3225	2.440	2.280
PM2120-4R7M-RC	4.7	16.6	3.7	3.7	0.87	63K3230	2.440	2.280
PM2120-5R6M-RC	5.6	15.6	4.2	4.2	0.82	63K3234	2.440	2.280
PM2120-6R8M-RC	6.8	14.7	5	5	0.87	63K3237	2.440	2.280
PM2120-8R2M-RC	8.2	14.7	6.1	6.1	0.82	63K3240	2.440	2.280
PM2120-100K-RC	10	13.9	7.2	0.007	0.83	63K3209	2.440	2.280
PM2120-120K-RC	12	12.7	8.3	0.008	0.82	63K3212	2.440	2.280
PM2120-150K-RC	15	12.2	10.2	0.009	0.82	63K3214	2.440	2.280
PM2120-180K-RC	18	11.8	12	0.009	0.82	63K3216	2.440	2.280
PM2120-220K-RC	22	11	14.2	0.011	0.83	63K3220	2.440	2.280
PM2120-270K-RC	27	1.4	16.9	0.012	0.82	63K3222	2.440	2.280
PM2120-330K-RC	33	1.1	20.3	0.013	0.80	63K3226	2.440	2.280
PM2120-390K-RC	39	9.6	23.3	0.014	0.82	63K3228	2.440	2.280
PM2120-470K-RC	47	8.2	29.2	0.019	0.82	63K3232	2.440	2.280
PM2120-560K-RC	56	7.9	33.9	0.021	0.82	63K3235	2.440	2.280
PM2120-680K-RC	68	6.7	42.2	0.029	0.78	63K3238	2.440	2.280
PM2120-820K-RC	82	6.4	49.5	0.032	0.82	63K3241	2.440	2.280
PM2120-101K-RC	100	6.1	58.7	0.035	0.79	63K3210	2.440	2.280
PM2120-121K-RC	120	5.8	68.1	0.039	0.82	63K3213	2.440	2.280
PM2120-151K-RC	150	5.5	82.5	0.043	0.79	63K3215	2.440	2.280
PM2120-181K-RC	180	5.3	96.2	0.047	0.85	63K3217	2.440	2.280
PM2120-221K-RC	220	5	113.7	0.052	0.82	63K3221	2.440	2.280
PM2120-271K-RC	270	4.2	144.5	0.072	0.79	63K3223	2.440	2.280
PM2120-331K-RC	330	3.6	183.4	0.1	0.85	63K3227	2.440	2.280
PM2120-391K-RC	390	3.5	211.6	0.108	0.82	63K3229	2.440	2.280
PM2120-471K-RC	470	3.3	247.1	0.119	0.77	63K3233	2.440	2.280
PM2120-561K-RC	560	3.2	285.8	0.13	0.85	63K3236	2.440	2.280
PM2120-681K-RC	680	3	336.3	0.142	0.82	63K3239	2.440	2.280
PM2120-821K-RC	820	2.9	392.5	0.157	0.87	63K3242	2.440	2.280
PM2120-102K-RC	1000	2.5	499.7	0.215	0.85	63K3211	2.440	2.280

(72678)

4000 SERIES TOROIDIAL SURFACE MOUNT INDUCTORS

CD TECHNOLOGIES



Features

- Compact Size: 0.555 x 0.560 x 0.345"
- Toroidal construction giving low leakage flux

Mfg. Part No.	L (Induct.) (μH)	I _{DC} (A)	Stock No.	Price Each	
				1-4	5-24
403R3	3.3	5.2	09J3724	1.780	1.770
40100	10	3	09J3718	1.780	1.770
40150	15	2.4	09J3720	1.780	1.770
40220	22	2.1	09J3722	1.780	1.770
40101	100	0.94	09J3719	1.780	1.770
40151	150	0.76	09J3721	1.780	1.770
40221	220	0.67	09J3723	1.780	1.770

(80064)

1400 SERIES BOBBIN INDUCTORS

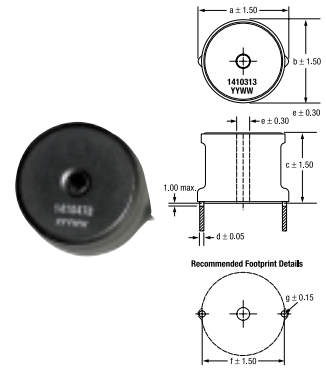


CD TECHNOLOGIES

- 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. Nonmagnetic 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
				1-4
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

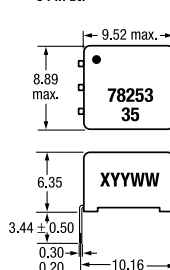
(66173)

78253 SERIES MAX253 COMPATIBLE CONVERTER TRANSFORMERS

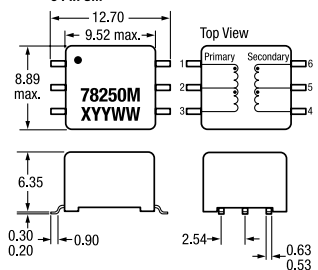


CD TECHNOLOGIES

6 Pin DIP



6 Pin SM



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 CECC0802 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
							1-4
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)

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: $\pm 20\%$ for 3.9-8.2nH; $\pm 10\%$ for 6.8-1000nH; $\pm 5\%$ for 33-1000nH. Operating temperature: -40°C to $+85^{\circ}\text{C}$ 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_{pc} (mA)	Tape Cut		
					Stock No.	Price Each	
						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	0.174	0.144
● 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	0.174	0.144
● 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	0.207	0.171
● IMC0805ER3R3J01	3300nH	70	1.45	300	53K5175	0.196	0.162

➔ CONTINUED ➔

IMC SERIES HIGH-FREQUENCY MOLDED INDUCTORS (CONT.)

Mfg. Part No.	L (Induct.)	SRF (MHz)	DCR Max. (Ω)	I _{pc} (mA)	Tape Cut		
					Stock No.	Price Each	
						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	1.500	1.240
● 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
● IMC1008ERR8R2J	8200nH	36	3.05	160	53K5218	0.196	0.162
● IMC1210ER47NM	0.047 μ H	1000	0.3	483	53K5240	0.376	0.310
● IMC1210ER56NM	0.056 μ H	1000	0.33	470	53K5242	0.376	0.310
● IMC1210ER68NM	0.068 μ H	1000	0.36	450	53K5244	0.376	0.310
● IMC1210ER82NM	0.082 μ H	900	0.4	450	53K5245	0.376	0.310
● IMC1210ERR10K	0.1 μ H	700	0.44	450	53K5220	0.395	0.325
● IMC1210ERR12K	0.12 μ H	500	0.22	584	53K5221	0.395	0.325
● IMC1210ERR15K	0.15 μ H	450	0.25	548	53K5222	0.395	0.325
● IMC1210ERR18K	0.18 μ H	400	0.28	518	53K5223	0.395	0.325
● IMC1210ERR22K	0.22 μ H	350	0.32	484	53K5224	0.395	0.325
● IMC1210ERR27K	0.27 μ H	320	0.36	456	53K5225	0.395	0.325
● IMC1210ERR33K	0.33 μ H	300	0.4	453	53K5226	0.395	0.325
● IMC1210ERR39K	0.39 μ H	250	0.45	450	53K5227	0.395	0.325
● IMC1210ERR47K	0.47 μ H	220	0.5	450	53K5228	0.395	0.325
● IMC1210ERR56K	0.56 μ H	180	0.55	450	53K5229	0.395	0.325
● IMC1210ERR68K	0.68 μ H	160	0.6	450	53K5230	0.395	0.325
● IMC1210ERR82K	0.82 μ H	140	0.67	450	53K5231	0.395	0.325
● IMC1210ER1R0K	1 μ H	120	0.7	400	53K5232	0.340	0.280
● IMC1210ER1R5K	1.5 μ H	85	0.85	370	53K5233	0.340	0.280
● IMC1210ER2R2K	2.2 μ H	75	1	320	53K5237	0.340	0.280
● IMC1210ER3R3K	3.3 μ H	60	1.2	260	53K5238	0.340	0.280
● IMC1210ER4R7K	4.7 μ H	50	1.5	224	53K5239	0.340	0.280
● IMC1210ER6R8K	6.8 μ H	40	1.8	204	53K5243	0.340	0.280
● IMC1210ER100K	10 μ H	33	2.1	189	53K5234	0.408	0.336
● IMC1210ER470K	47 μ H	14	9	91	53K5241	0.444	0.366
● IMC1210ER101K	100 μ H	9	14	73	53K5236	0.444	0.366
● IMC1210ER101J	100 μ H	9	14	73	53K5235	0.517	0.426
● IMC1812ER1R2K	1.2 μ H	80	0.55	430	53K5246	0.430	0.354
● IMC1812ES1R5K	1.5 μ H	70	0.6	410	53K5248	0.430	0.354
● IMC1812ES4R7K	4.7 μ H	35	1	315	53K5257	0.430	0.354
● IMC1812ES100K	10 μ H	20	1.6	250	53K5249	0.430	0.354
● IMC1812ER150K	15 μ H	17	2.5	200	53K5247	0.460	0.379
● IMC1812ES470K	47 μ H	10	5	140	53K5258	0.460	0.379
● IMC1812ES121K	120 μ H	6	8	110	53K5251	0.501	0.413
● IMC1812ES151J	150 μ H	5	9	105	53K5252	0.708	0.583
● IMC1812ES181J	180 μ H	5	9.5	102	53K5253	0.708	0.583
● IMC1812ES221J	220 μ H	4	10	100	53K5254	0.708	0.583
● IMC1812ES271J	270 μ H	4	12	92	53K5255	0.708	0.583

INDUCTORS – SMD

IMC SERIES HIGH-FREQUENCY MOLDED INDUCTORS (CONT.)

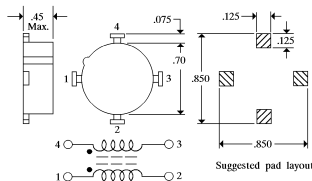
Mfg. Part No.	L (Induct.)	SRF (MHz)	DCR Max. (Ω)	I _{DC} (mA)	Tape Cut		
					Stock No.	Price Each	
						1-9	10-49
● IMC1812ES391K	390μH	3	16	80	53K5256	0.607	0.500
● IMC1812ES681J	680μH	3	30	50	53K5259	0.825	0.679
● IMC1812ES821K	820μH	2.5	35	30	53K5260	0.607	0.500
● IMC1812ES102J	1000μH	2.5	40	30	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
● IMC0603ER10N	10nH	2800	0.32	400	41M0964	0.098	0.081
● IMC0603ER12N	12nH	2800	0.35	400	41M0965	0.098	0.081
● IMC0603ER15N	15nH	2500	0.41	350	41M0966	0.098	0.081
● IMC0603ER18N	18nH	2300	0.45	350	41M0967	0.098	0.081
● IMC0603ER22N	22nH	2000	0.5	300	41M0969	0.098	0.081
● IMC0603ER27N	27nH	2000	0.55	300	41M0970	0.098	0.081
● IMC0603ER33N	33nH	1800	0.6	300	41M0971	0.098	0.081
● IMC0603ER47N	47nH	1800	0.95	250	41M0973	0.098	0.081
● IMC0603ER56N	56nH	1800	1.2	250	41M0975	0.098	0.081
● IMC0603ER82N	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)

PM3700 SERIES
SURFACE MOUNT
COMMON MODE
INDUCTORS

J.W. Miller
MAGNETICS
A Bourns Company

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 Reel Qty. 200	
					Stock No.	Price Each	Stock No.	Price Each
● PM3700-20-RC	0.5	6	0.010	4MHz-40MHz	63K2818	2.090	63K2819	1.650
● PM3700-30-RC	0.75	5.5	0.012	1MHz-20MHz	63K2820	2.090	63K2821	1.650
● PM3700-40-RC	1.0	4	0.020	500kHz-40MHz	63K2822	2.090	63K2823	1.650
● PM3700-50-RC	2.0	3.5	0.030	300kHz-20MHz	63K2824	2.090	63K2825	1.650
● PM3700-60-RC	5.0	2	0.070	100kHz-10MHz	63K2826	2.090	63K2827	1.650
● PM3700-70-RC	10	1.5	0.150	50kHz-5MHz	63K2828	2.090	63K2829	1.650
● PM3700-80-RC	20	1	0.250	25kHz-4MHz	63K2830	2.090	63K2831	1.650

*20dB attenuation
(48771)

Best products, great value.



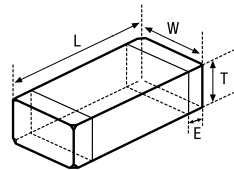
(94653)

NO MINIMUMS

We offer the broadest
in-stock selection
PLUS access to millions
more products online.
Visit us online or
call us today.

LK AND CK SERIES
STANDARD
MULTILAYER
INDUCTORS

TAIYO YUDEN



Features:

- Internal printed coil structure that creates a closed magnetic circuit which acts as a magnetic shield eliminating crosstalk, thus permitting higher mounting densities
- Multilayer block structure yields higher reliability

LK SERIES 0603 CASE SIZE (L=1.6±0.05mm, W=0.80±0.15 mm, T=0.80±0.15mm, E=0.3±0.2mm)

Mfg. Part No.	L (Induct.) (μH)	SRF (MHz)	Tape Cut		Tape & Reel	
			Stock No.	Price Each	Stock No.	Price Each
● LK1608R10K-T	100 +/- 10 %	240	86H5458	0.090	83H9774	4000 0.049
● LK1608R12K-T	120 +/- 10 %	205	86H5459	0.090	83H9775	4000 0.049
● LK1608R15K-T	150 +/- 10 %	180	86H5460	0.090	83H9776	4000 0.049
● LK1608R18K-T	180 +/- 10 %	165	86H5461	0.090	83H9777	4000 0.049
● LK1608R22K-T	220 +/- 10 %	150	86H5462	0.090	83H9778	4000 0.049
● LK1608R27K-T	270 +/- 10 %	136	86H5463	0.090	83H9779	4000 0.049
● LK1608R33K-T	330 +/- 10 %	125	86H5464	0.090	83H9780	4000 0.049
● LK1608R39K-T	390 +/- 10 %	110	86H5465	0.090	83H9781	4000 0.049
● LK1608R47K-T	470 +/- 10 %	105	86H5466	0.090	83H9782	4000 0.049
● LK1608R56K-T	560 +/- 10 %	95	86H5467	0.090	83H9783	4000 0.049
● LK1608R68K-T	680 +/- 10 %	80	86H5468	0.090	83H9784	4000 0.049
● LK1608R82K-T	820 +/- 10 %	75	86H5469	0.090	83H9785	4000 0.049
● LK1608R1R0K-T	1 +/- 10 %	70	86H5470	0.090	83H9786	4000 0.049
● LK1608R1R2K-T	1.2 +/- 10 %	60	86H5471	0.090	83H9787	4000 0.049
● LK1608R1R5K-T	1.5 +/- 10 %	55	86H5472	0.090	83H9788	4000 0.049
● LK1608R1R8K-T	1.8 +/- 10 %	50	86H5473	0.090	83H9789	4000 0.049
● LK1608R2R2K-T	2.2 +/- 10 %	45	86H5478	0.090	83H9794	4000 0.049
● LK1608R2R7K-T	2.7 +/- 10 %	40	86H5479	0.090	83H9795	4000 0.049
● LK1608R3R3K-T	3.3 +/- 10 %	38	86H5482	0.090	83H9798	4000 0.049
● LK1608R3R9K-T	3.9 +/- 10 %	36	86H5483	0.090	83H9799	4000 0.049
● LK1608R47K-T	4.7 +/- 10 %	33	86H5485	0.090	83H9801	4000 0.049
● LK1608R5R6K-T	5.6 +/- 10 %	22	86H5487	0.090	83H9803	4000 0.049
● LK1608R6R8K-T	6.8 +/- 10 %	20	86H5488	0.090	83H9804	4000 0.049
● LK1608R8R2K-T	8.2 +/- 10 %	18	86H5490	0.090	83H9806	4000 0.049
● LK1608R100K-T	10 +/- 10 %	17	86H5474	0.090	83H9790	4000 0.049
● LK1608R120K-T	12 +/- 10 %	15	86H5475	0.090	83H9791	4000 0.049
● LK1608R150M-T	15 +/- 20 %	14	86H5476	0.090	83H9792	4000 0.049
● LK1608R180M-T	18 +/- 20 %	13	86H5477	0.090	83H9793	4000 0.049
● LK1608R220M-T	22 +/- 20 %	11	86H5480	0.090	83H9796	4000 0.049
● LK1608R270M-T	27 +/- 20 %	10	86H5481	0.090	83H9797	4000 0.049
● LK1608R330M-T	33 +/- 20 %	9	86H5484	0.090	83H9800	4000 0.049
● LK1608R47NM-T	47 +/- 20 %	260	86H5486	0.090	83H9802	4000 0.049
● LK1608R68NM-T	68 +/- 20 %	250	86H5489	0.090	83H9805	4000 0.049
● LK1608R82NM-T	82 +/- 20 %	245	86H5491	0.090	83H9807	4000 0.049

LK SERIES 0805 CASE SIZE (L=2.0±0.1mm, W=1.25±0.2mm, T=0.85±0.2mm, E=0.5±0.3mm)

● LK2125R10K-T	100 +/- 10 %	235	86H5492	0.102	83H9808	4000 0.056
● LK2125R12K-T	120 +/- 10 %	220	86H5493	0.102	83H9809	4000 0.056
● LK2125R15K-T	150 +/- 10 %	200	86H5494	0.102	83H9810	4000 0.056
● LK2125R18K-T	180 +/- 10 %	185	86H5495	0.102	83H9811	4000 0.056
● LK2125R22K-T	220 +/- 10 %	170	86H5496	0.102	83H9812	4000 0.056
● LK2125R27K-T	270 +/- 10 %	150	86H5497	0.102	83H9813	4000 0.056
● LK2125R33K-T	330 +/- 10 %	145	86H5498	0.102	83H9814	4000 0.056
● LK2125R39K-T	390 +/- 10 %	135	86H5499	0.102	83H9815	4000 0.056
● LK2125R47K-T	470 +/- 10 %	125	86H5500	0.102	83H9816	2000 0.056
● LK2125R56K-T	560 +/- 10 %	115	86H5501	0.102	83H9817	2000 0.056
● LK2125R68K-T	680 +/- 10 %	105	86H5502	0.102	83H9818	2000 0.056
● LK2125R82K-T	820 +/- 10 %	100	86H5503	0.102	83H9819	2000 0.056
● LK2125R1R0K-T	1 +/- 10 %	75	86H5504	0.102	83H9820	4000 0.056
● LK2125R1R2K-T	1.2 +/- 10 %	65	86H5505	0.102	83H9821	4000 0.056
● LK2125R1R5K-T	1.5 +/- 10 %	60	86H5506	0.102	83H9822	4000 0.056
● LK2125R1R8K-T	1.8 +/- 10 %	55	86H5507	0.102	83H9823	4000 0.056
● LK2125R2R2K-T	2.2 +/- 10 %	50	86H5512	0.102	83H9828	4000 0.056
● LK2125R2R7K-T	2.7 +/- 10 %	45	86H5513	0.102	83H9829	2000 0.056
● LK2125R3R3K-T	3.3 +/- 10 %	41	86H5516	0.102	83H9832	2000 0.056
● LK2125R3R9K-T	3.9 +/- 10 %	38	86H5517	0.102	83H9833	2000 0.056
● LK2125R47K-T	4.7 +/- 10 %	35	86H5519	0.102	83H9835	2000 0.056
● LK2125R5R6K-T	5.6 +/- 10 %	32	86H5521	0.102	83H9837	2000 0.056
● LK2125R6R8K-T	6.8 +/- 10 %	29	86H5522	0.102	83H9838	2000 0.056

➤ CONTINUED ➤

INDUCTORS – SMD

LK AND CK SERIES STANDARD MULTILAYER INDUCTORS (CONT.)

LK SERIES 0805 CASE SIZE (L=2.0±0.1mm, W=1.25±0.2mm, T=0.85±0.2mm, E=0.5±0.3mm)

Mfg. Part No.	L (Induct.) (µH)	SRF (MHz)	Tape Cut		Tape & Reel		
			Stock No.	Price Each	Stock No.	Reel Qty.	Price Each
● LK21258R2K-T	8.2 +/- 10 %	26	86H5524	0.102	...	...	...
● LK2125100K-T	10 +/- 10 %	24	86H5508	0.102	83H9824	2000	0.056
● LK2125120K-T	12 +/- 10 %	22	86H5509	0.102	83H9825	2000	0.056
● LK2125150M-T	15 +/- 20 %	19	86H5510	0.102	83H9826	2000	0.056
● LK2125180M-T	18 +/- 20 %	18	86H5511	0.102	83H9827	2000	0.056
● LK2125220M-T	22 +/- 20 %	16	86H5514	0.102	83H9830	2000	0.056
● LK2125270M-T	27 +/- 20 %	14	86H5515	0.102	83H9831	2000	0.056
● LK2125330M-T	33 +/- 20 %	13	86H5518	0.102	83H9834	2000	0.056
● LK212547NM-T	47 +/- 20 %	320	86H5520	0.102	83H9836	4000	0.056
● LK212568NM-T	68 +/- 20 %	280	86H5523	0.102	83H9839	4000	0.056
● LK212582NM-T	82 +/- 20 %	255	86H5525	0.102	83H9841	4000	0.056

CK SERIES 0805 CASE SIZE (L=2.0±0.1mm, W=1.25±0.2mm, T=0.85±0.2mm, E=0.5±0.3mm)

Mfg. Part No.	L (Induct.) (µH)	SRF (MHz)	Tape Cut			
			Stock No.	Price Each	100-499	500-999
● CK2125R10M-T	0.1 ± 20%	235	30K5436	0.122	0.111	0.098
● CK2125R15M-T	0.15 ± 20%	200	30K5437	0.122	0.111	0.098
● CK2125R22M-T	0.22 ± 20%	170	30K5438	0.122	0.111	0.098
● CK2125R33M-T	0.33 ± 20%	145	30K5439	0.122	0.111	0.098
● CK2125R47M-T	0.47 ± 20%	125	30K5440	0.122	0.111	0.098
● CK2125R68M-T	0.68 ± 20%	105	30K5441	0.122	0.111	0.098
● CK21251R0M-T	1 ± 20%	75	30K5442	0.122	0.111	0.098
● CK21251R5M-T	1.5 ± 20%	60	30K5443	0.122	0.111	0.098
● CK21252R2M-T	2.2 ± 20%	41	30K5445	0.122	0.111	0.098
● CK21253R3M-T	3.3 ± 20%	35	30K5446	0.122	0.111	0.098
● CK21254R7M-T	4.7 ± 20%	29	30K5447	0.122	0.111	0.098
● CK21256R8M-T	6.8 ± 20%	24	30K5448	0.122	0.111	0.098
● CK2125100M-T	10 ± 20%	50	30K5444	0.122	0.111	0.098

(77724)

LG HK SERIES MULTILAYER CHIP INDUCTOR FOR HIGH FREQUENCY



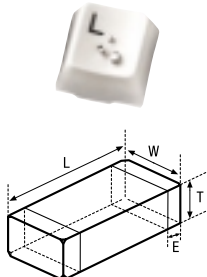
TAIYO YUDEN

Features:

- Multilayer inductor made of advanced ceramics with low-resistivity silver used as internal Conductors provides excellent Q and SRF characteristics
- Designed to address surface mount inductor needs for applications above 100MHz
- Multilayer block structure ensures outstanding reliability, high productivity and product quality

Applications:

- Portable telephones, PHS and pagers
- Miscellaneous high-frequency circuits
- EMI countermeasure in high-frequency circuits



0402 CASE SIZE (L=1.0±0.05mm, W=0.5±0.05mm, T=0.5±0.05mm, E=0.25±0.10mm)

Mfg. Part No.	L (Induct.) (nH)	SRF (GHz)	Tape Cut		Tape & Reel		
			Stock No.	Price Each	Stock No.	Reel Qty.	Price Each
● HK10052N0S-T	2 +/- 0.3 nH	10.5	31K8158	0.038	18J0763	10000	0.021
● HK10052N2S-T	2.2 +/- 0.3 nH	10	86H5536	0.038	83H9852	10000	0.021
● HK10052N4S-T	2.4 +/- 0.3 nH	9.5	31K8159	0.038	18J0764	10000	0.021
● HK10052N7S-T	2.7 +/- 0.3 nH	9	86H5537	0.038	83H9853	10000	0.021
● HK10053N0S-T	3 +/- 0.3 nH	8.5	31K8160	0.038	18J0765	10000	0.021
● HK10053N3S-T	3.3 +/- 0.3 nH	8	86H5540	0.038	83H9856	10000	0.021
● HK10053N6S-T	3.6 +/- 0.3 nH	7.5	31K8161	0.038	18J0766	10000	0.021
● HK10053N9S-T	3.9 +/- 0.3 nH	7	86H5541	0.038	83H9857	10000	0.021
● HK10054N3S-T	4.3 +/- 0.3 nH	7	31K8162	0.038	18J0768	10000	0.021
● HK10054N7S-T	4.7 +/- 0.3 nH	6	86H5544	0.038	83H9860	10000	0.021
● HK10055N1S-T	5.1 +/- 0.3 nH	5.8	31K8163	0.038	18J0769	10000	0.021
● HK10056N2S-T	6.2 +/- 0.3 nH	5.8	31K8164	0.038	18J0770	10000	0.021
● HK10056N8J-T	6.8 +/- 5 %	5.5	86H5548	0.038	83H9864	10000	0.021
● HK10057N5J-T	7.5 +/- 5 %	5.2	31K8165	0.038	18J0772	10000	0.021
● HK10058N2J-T	8.2 +/- 5 %	4.9	86H5550	0.038	83H9866	10000	0.021
● HK10059N1J-T	9.1 +/- 5 %	4.5	31K8166	0.038	18J0774	10000	0.021
● HK100510N1J-T	10 +/- 5 %	4.3	86H5532	0.038	83H9848	10000	0.029
● HK100512N1J-T	12 +/- 5 %	3.9	86H5533	0.038	83H9849	10000	0.021
● HK100515N1J-T	15 +/- 5 %	3.5	86H5534	0.038	83H9850	10000	0.021

➤ CONTINUED ➤

LG HK SERIES MULTILAYER CHIP INDUCTOR FOR HIGH FREQUENCY (CONT.)

Mfg. Part No.	L (Induct.) (nH)	SRF (GHz)	Tape Cut		Tape & Reel		
			Stock No.	Price Each	Stock No.	Reel Qty.	Price Each
● HK100518NJ-T	18 +/- 5 %	3.1	86H5535	0.038	83H9851	10000	0.021
● HK100522NJ-T	22 +/- 5 %	2.8	86H5538	0.038	83H9854	10000	0.021
● HK100527NJ-T	27 +/- 5 %	2.3	86H5539	0.038	83H9855	10000	0.021
● HK100533NJ-T	33 +/- 5 %	1.9	86H5542	0.038	83H9858	10000	0.021
● HK100547NJ-T	47 +/- 5 %	1.5	86H5545	0.038	83H9861	10000	0.021
● HK1005R15J-T	150 +/- 5 %	920	89K7580	0.038	87K3884	10000	0.021
● HK1005R18J-T	180 +/- 5 %	810	89K7581	0.038	87K3885	10000	0.021
● HK1005R22J-T	220 +/- 5 %	700	89K7582	0.038	87K3886	10000	0.021
● HK1005R27J-T	270 +/- 5 %	600	89K7583	0.038	87K3887	10000	0.021

0603 CASE SIZE (L=1.6±0.15mm, W=0.8±0.15mm, T=0.8±0.15mm, E=0.3±0.2mm)

● HK16081N5S-T	1.5 +/- 0.3 nH	13	86H5560	0.050	83H9875	4000	0.028
● HK16081N8S-T	1.8 +/- 0.3 nH	13	86H5561	0.050	83H9876	4000	0.028
● HK16083N3S-T	3.3 +/- 0.3 nH	9	86H5570	0.050	83H9885	4000	0.028
● HK16083N9S-T	3.9 +/- 0.3 nH	8	86H5571	0.050	83H9886	4000	0.028
● HK16084N7S-T	4.7 +/- 0.3 nH	6.5	86H5574	0.050	83H9889	4000	0.028
● HK16086N8J-T	6.8 +/- 5 %	5.6	86H5578	0.050	83H9893	4000	0.028
● HK16088N2J-T	8.2 +/- 5 %	5.2	86H5580	0.050	83H9895	4000	0.028
● HK160822NJ-T	22 +/- 5 %	2.9	86H5568	0.050	83H9883	4000	0.028
● HK160827NJ-T	27 +/- 5 %	2.2	86H5569	0.050	83H9884	4000	0.028
● HK1608R12J-T	120 +/- 5 %	800	86H5554	0.050	83H9869	4000	0.028
● HK1608R22J-T	220 +/- 5 %	600	86H5557	0.050	83H9872	4000	0.028
● HK1608R27J-T	270 +/- 5 %	550	89K7584	0.050	87K3888	4000	0.028
● HK1608R33J-T	330 +/- 5 %	480	89K7585	0.050	87K3889	4000	0.028
● HK1608R39J-T	390 +/- 5 %	410	89K7586	0.050	...	...	...
● HK1608R47J-T	470 +/- 5 %	360	89K7587	0.050	87K3890	4000	0.028

CASE SIZE 0805: (2.0±0.3mm, W=1.25±0.2mm, T=0.85±0.2, E=0.5±0.3mm)

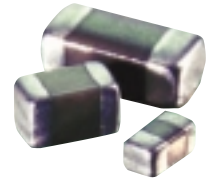
● HK212556NJ-T	56 +/- 5 %	1.1	86H5608	0.103	83H9923	3000	0.057
● HK2125R18J-T	180 +/- 5 %	600	86H5585	0.103	83H9900	3000	0.057
● HK2125R33J-T	330 +/- 5 %	400	86H5588	0.103	83H9903	3000	0.057
● HK2125R47J-T	470 +/- 5 %	350	86H5590	0.103	83H9905	3000	0.057

(77699)

LQ LB SERIES WOUND CHIP INDUCTORS



TAIYO YUDEN



Features a small size wound chip inductor with low DC resistance and a deimension without directional influence on mountability and characteristics. Applications include DVC, MD, PDA and other portable digital equipment.

CASE SIZE 0805

Mfg. Part No.	L (Ind.) (µH)	SRF (MHz)	Ind. Tol. (%)	Tape Cut		Tape & Reel		
				Stock No.	Price Each	Stock No.	Reel Qty.	Price Each
● LB2012T1R0M	1	100	20	95H1571	0.096	22J1183	3000	0.052
● LBC2012T1R0M	1	100	20	18J0868	0.111	22J1194	3000	0.061
● LB2012T2R2M	2.2	80	20	95H1575	0.096	22J1186	3000	0.052
● LBC2012T2R2M	2.2	70	20	18J0871	0.120	22J1195	3000	0.066
● LB2012T4R7M	4.7	45	20	95H1577	0.096	22J1187	3000	0.052
● LBC2012T4R7M	4.7	45	20	18J0874	0.111	22J1196	4000	0.061
● LB2012T100KR	10	32	10	18J0844	0.096	22J1184	3000	0.051
● LB2012T100M	10	32	20	22J1643	0.096	95H1572	3000	0.052
● LBC2012T100M	10	40	20	18J0869	0.111	18J0870	3000	0.061
● LB2012T220M	22	16	20	22J1645	0.096	95H1576	3000	0.052
● LBC2012T220M	22	16	20	18J0872	0.111	18J0873	3000	0.061
● LB2012T470M	47	11	20	22J1646	0.096	95H1578	3000	0.052
● LBC2012T470M	47	11	20	18J0875	0.111	18J0876	3000	0.061
● LB2012T101K	100	8	10	18J0845	0.096	22J1185	3000	0.052

CASE SIZE 0806

● LB2016T1R0M	1	100	20	95H1579	0.096	22J1188	2000	0.052
● LBC2016T1R0M	1	100	20	18J0877	0.108	22J1197	2000	0.059
● LB2016T2R2M	2.2	70	20	95H1584	0.096	22J1189	2000	0.052
● LBC2016T2R2M	2.2	70	20	18J0885	0.108	22J1198	2000	0.059
● LB2016T4R7M	4.7	45	20	95H1588	0.096	22J1190	2000	0.052
● LBC2016T4R7M	4.7	45	20	18J0890	0.108	22J1199	2000	0.059
● LB2016T100M	10	32	20	22J1647	0.096	95H1581	2000	0.052
● LBC2016T100M	10	32	20	18J0879	0.108	18J0880	2000	0.059
● LB2016T220M	22	16	20	22J1649	0.096	95H1585	2000	0.052

➤ CONTINUED ➤

INDUCTORS – SMD

LQ LB SERIES WOUND CHIP INDUCTORS (CONT.)

CASE SIZE 0806

Mfg. Part No.	L (Ind.) (μ H)	SRF (MHz)	Ind. Tol. (%)	Tape Cut		Tape & Reel		
				Stock No.	Price Each	Stock No.	Reel Qty.	Price Each
● LBC2016T220M	22	16	20	18J0886	0.108	18J0887	2000	0.059
● LB2016T470M	47	11	20	22J1650	0.096	95H1589	2000	0.052
● LBC2016T470M	47	11	20	18J0891	0.108	18J0892	2000	0.059
● LB2016T101M	100	8	20	22J1648	0.096	95H1582	2000	0.052
● LBC2016T101M	100	8	20	18J0881	0.108	18J0882	2000	0.059

CASE SIZE 1007

● LBC2518T1R0M	1	100	20	18J0896	0.102	22J1200	2000	0.056
● LB2518T2R2M	2.2	68	20	95H1598	0.088	22J1192	2000	0.048
● LBC2518T2R2M	2.2	68	20	18J0907	0.102	22J1201	2000	0.056
● LB2518T4R7M	4.7	46	20	95H1604	0.088	22J1193	2000	0.048
● LBC2518T4R7M	4.7	41	20	18J0917	0.102	22J1202	2000	0.056
● LB2518T100M	10	30	20	22J1651	0.088	95H1593	2000	0.048
● LBC2518T100M	10	30	20	18J0898	0.102	18J0899	2000	0.056
● LB2518T220M	22	19	20	22J1653	0.088	95H1599	2000	0.048
● LBC2518T220M	22	19	20	18J0908	0.102	18J0909	2000	0.056
● LB2518T470M	47	12	20	22J1655	0.088	95H1605	2000	0.048
● LBC2518T470M	47	12	20	18J0918	0.102	18J0919	2000	0.056
● LB2518T101M	100	9	20	22J1652	0.088	95H1594	2000	0.048
● LBC2518T101M	100	9	20	18J0900	0.102	18J0901	2000	0.056
● LB2518T221M	220	5.5	20	22J1654	0.088	95H1600	2000	0.048
● LBC2518T221M	220	5.5	20	18J0910	0.102	18J0911	2000	0.056
● LB2518T471M	470	3.5	20	22J1656	0.088	95H1606	2000	0.048
● LBC2518T471M	470	3.5	20	18J0920	0.102	18J0921	2000	0.056
● LB2518T102K	1	2.4	10	18J0857	0.088	22J1191	2000	0.048

(82435)

73 SERIES SHIELDED LOW PROFILE SMT INDUCTORS



Just Added

- Inductance tolerance: $\pm 20\%$
- Test Frequency: 100 kHz
- Operating temperature: -40°C to $+155^{\circ}\text{C}$

Mfg. Part No.	L (Induct.) (μ H)	I_{DC} (A)	R_{DC} max. (m Ω)	Stock No.	Price Each	
					1-24	25-49
● HM73-40R40LFTR13	0.40	40	1.00	15M0651	3.080	2.900
● HM73-10R47LFTR7	0.47	15	3.16	15M0621	1.980	1.860
● HM73-15R47LFTR13	0.47	17	1.55	15M0629	2.220	2.080
● HM73-301R0LFTR13	1	23	1.70	15M0637	2.720	2.560
● HM73-151R5LFTR13	1.50	10	2.20	15M0630	2.220	2.080
● HM73-102R0LFTR7	2	8	8.30	15M0626	1.980	1.860
● HM73-31100LFTR13	10	6	26.00	15M0646	3.020	2.840

(89522)

66 SERIES MINIATURE LOW PROFILE SHIELDED SMT INDUCTORS



Just Added



- Inductance tolerance: $\pm 20\%$
- Test Frequency: 100 kHz
- Operating temperature: -40°C to $+125^{\circ}\text{C}$

Mfg. Part No.	L (Induct.) (μ H)	I_{DC} (A)	R_{DC} max. (Ω)	Stock No.	Price Each	
					1-24	25-49
● HM66-205R6LFTR7	5.6	0.80	0.170	18M4741	0.645	0.535
● HM66-106R8LFTR13	6.8	0.73	0.170	15M0590	0.565	0.468
● HM66-308R2LFTR13	8.2	1.04	0.1175	18M4743	0.669	0.555
● HM66-15100LFTR13	10	0.55	0.210	15M0591	0.565	0.468
● HM66-20390LFTR7	39	0.30	0.709	18M4740	0.645	0.535
● HM66-80470LFTR13	47	2.10	0.128	18M4752	0.847	0.702
● HM66-30560LFTR13	56	0.41	0.6245	18M4742	0.669	0.555

► CONTINUED ►

66 SERIES MINIATURE LOW PROFILE SHIELDED SMT INDUCTORS (CONT.)

INDUCTANCE TOLERANCE: $\pm 20\%$, TEST FREQUENCY: 1 KHZ

Mfg. Part No.	L (Induct.) (μ H)	I_{DC} (A)	R_{DC} max. (Ω)	Stock No.	Price Each	
					1-24	25-49
● HM66-408R9LFTR13	8.9	1.25	0.116	18M4745	0.693	0.575
● HM66-50100LFTR13	10	1.30	0.065	18M4746	0.717	0.594
● HM66-60120LFTR13	12	1.55	0.070	18M4748	0.764	0.634
● HM66-40560LFTR13	56	0.50	0.665	18M4744	0.693	0.575
● HM66-50680LFTR13	68	0.52	0.355	18M4747	0.717	0.594
● HM66-60820LFTR13	82	0.60	0.390	18M4749	0.764	0.634
● HM66-70221LFTR13	220	0.45	0.820	18M4751	0.812	0.674

(89520)

HPL SERIES HIGH-PRECISION, THIN-FILM CHIP INDUCTORS



These 0805, 0402 and 0201 size chip inductors are adjustment free due to their tight tolerance. Additionally, this part also offers a high self-resonance frequency of 1 GHz and high Q value and a very excellent rated current.



Mfg. Part No.	L (Induct.) (nH)	Tape Cut		Tape & Reel	
		Stock No.	Price Each	Stock No.	Reel Qty. 10000
● HPL0603-1N0	1	28K1549	0.091	28K1550	0.029
● HPL0603-1N2	1.2	28K1551	0.091	28K1552	0.029
● HPL0603-1N5	1.5	28K1553	0.091	28K1554	0.029
● HPL0603-1N8	1.8	28K1555	0.091	28K1556	0.029
● HPL0603-2N2	2.2	28K1557	0.091	28K1558	0.029
● HPL0603-2N7	2.7	28K1559	0.091	28K1560	0.029
● HPL0603-3N3	3.3	28K1561	0.091	28K1562	0.029
● HPL0603-3N9	3.9	28K1563	0.091	28K1564	0.029
● HPL0603-4N7	4.7	28K1565	0.091	28K1566	0.029
● HPL0603-5N6	5.6	28K1567	0.091	28K1568	0.029
● HPL1005-1N0	1	28K1569	0.091	28K1570	0.029
● HPL1005-1N2	1.2	28K1571	0.091	28K1572	0.029
● HPL1005-1N5	1.5	28K1573	0.091	28K1574	0.029
● HPL1005-1N8	1.8	28K1575	0.091	28K1576	0.029
● HPL1005-10N	10	28K1577	0.091	28K1578	0.029
● HPL1005-12N	12	28K1580	0.091	28K1581	0.029
● HPL1005-15N	15	28K1582	0.091	28K1583	0.029
● HPL1005-2N2	2.2	28K1584	0.091	28K1585	0.029
● HPL1005-2N7	2.7	28K1586	0.091	28K1587	0.029
● HPL1005-3N3	3.3	28K1588	0.091	28K1589	0.029
● HPL1005-3N9	3.9	28K1590	0.091	28K1591	0.029
● HPL1005-4N7	4.7	28K1592	0.091	28K1593	0.029
● HPL1005-5N6	5.6	28K1594	0.091	28K1595	0.029
● HPL1005-6N8	6.8	28K1596	0.091	28K1597	0.029
● HPL1005-8N2	8.2	28K1598	0.091	28K1599	0.029

(84593)

THIN FILM CHIP INDUCTOR DESIGN KITS



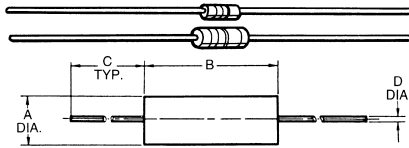
HPL SERIES CHIP INDUCTOR KITS

Mfg. Part No.	Description	Stock No.	Price Each
● HPL0603-KIT	0201 size 1.0-10nH / 0.2nH and 2nH tol. 15val. 600pcs	85K0890	42.340
● HPL1005-KIT	0402 size 1.0-15nH / 0.2nH and 2nH tol. 25val. 1000pcs	85K0889	56.940
● TFL0816-KIT	0603 size 1.0-100nH / 0.2nH and 2nH tol. 25val. 1000pcs	85K1593	71.540

(88099)

INDUCTORS – LEADED

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



Sturdy epoxy-molded inductors. Tolerance: $\pm 10\%$. Operating temperature: -55°C to $+105^{\circ}\text{C}$. 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 $\pm$ 0.010	0.410 $\pm$ 0.020	1.438 $\pm$ 0.1881	0.025 $\pm$ 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	0.579	0.394	0.363
● IM02EBR15K	0.15	1200	53K5264	0.579	0.394	0.363
● IM02EBR22K	0.22	1025	53K5265	0.579	0.394	0.363
● IM02EBR33K	0.33	815	53K5266	0.579	0.394	0.363
● IM02EBR47K	0.47	650	53K5267	0.579	0.394	0.363
● IM02EBR56K	0.56	545	53K5268	0.579	0.394	0.363
● IM02EBR68K	0.68	495	53K5269	0.579	0.394	0.363
● IM02EB1R0K	1	385	53K5270	0.412	0.280	0.258
● IM02EB1R2K	1.2	590	53K5271	0.706	0.480	0.443
● IM02EB1R5K	1.5	535	53K5272	0.706	0.480	0.443
● IM02EB1R8K	1.8	455	53K5273	0.706	0.480	0.443
● IM02EB2R2K	2.2	395	53K5279	0.505	0.343	0.317
● IM02EB2R7K	2.7	355	53K5280	0.505	0.343	0.317
● IM02EB3R3K	3.3	270	53K5283	0.706	0.480	0.443
● IM02EB4R7K	4.7	230	53K5287	0.505	0.343	0.317
● IM02EB5R6K	5.6	185	53K5290	0.706	0.480	0.443
● IM02EB6R8K	6.8	175	53K5292	0.706	0.480	0.443
● IM02EB8R2K	8.2	155	53K5293	0.706	0.480	0.443
● IM02EB100K	10	130	53K5274	0.706	0.480	0.443
● IM02EB150K	15	150	53K5277	0.558	0.379	0.379
● IM02EB180K	18	145	53K5278	0.706	0.480	0.443
● IM02EB220K	22	140	53K5281	0.505	0.343	0.317
● IM02EB330K	33	130	53K5284	0.545	0.370	0.342
● IM02EB390K	39	125	53K5286	0.545	0.370	0.342
● IM02EB470K	47	110	53K5288	0.545	0.370	0.342
● IM02EB560K	56	100	53K5291	0.545	0.370	0.342
● IM02EB101K	100	84	53K5275	0.706	0.480	0.443
● IM02EB221K	220	52	53K5282	0.632	0.430	0.397
● IM02EB331K	330	45	53K5285	0.683	0.464	0.429
● IM02EB471K	470	36	53K5289	0.683	0.464	0.429
● IM02EB102K	1000	28	53K5276	0.802	0.545	0.503
● IM04EB100K	10	290	53K5294	0.477	0.477	0.477
● IM04EB101J	100.0*	133	53K5295	0.728	0.494	0.457
● IMS05EB150K	15	315	53K5262	1.110	0.749	0.692
● IMS05EB102K	1000	70	53K5261	0.976	0.663	0.612

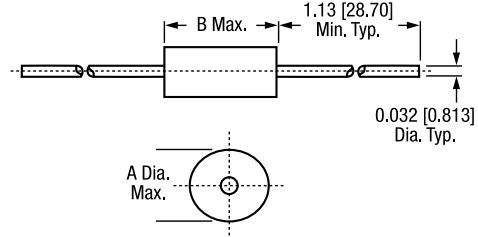
* $\pm 5\%$ tolerance (7299)

Find application notes—fast.

Visit our information-rich portal designed for engineers & techs at www.newark.com/edworld

(94645)

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-finned 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 $+40^{\circ}\text{C}$ temperature rise. Operating temperature: -55°C to $+85^{\circ}\text{C}$ 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

Mfg. Part No.	L (Induct.) (μH)	D_{CR} Max. (Ω)	Rated I_{DC} (A)	Stock No.	Price Each	
					1-9	10-24
IHD-1 1UH 15%	1	0.009	5.3	45C2395	3.490	2.870
● IHD1EB1R0L	1	0.009	5.3	53K4729	3.490	2.870
IHD-1 1.2UH 15%	1.2	0.01	5	45C2396	3.490	2.870
● IHD1EB1R2L	1.2	0.01	5	53K4730	3.490	2.870
IHD-1 1.5UH 15%	1.5	0.011	4.8	45C2397	3.490	2.870
● IHD1EB1R5L	1.5	0.011	4.8	53K4731	3.490	2.870
IHD-1 1.8UH 15%	1.8	0.012	4.6	50B2400	3.490	2.870
● IHD1EB1R8L	1.8	0.012	4.6	53K4732	3.490	2.870
● IHD1EB2R2L	2.2	0.013	4.4	53K4749	3.490	2.870
IHD-1 2.7UH 15%	2.7	0.014	4.2	50B2401	3.490	2.870
● IHD1EB2R7L	2.7	0.014	4.2	53K4750	3.490	2.870
● IHD-1 3.3UH 15%	3.3	0.016	4	50B2402	3.490	2.870
● IHD1EB3R3L	3.3	0.016	4	53K4757	3.490	2.870
IHD-1 3.9UH 15%	3.9	0.017	3.8	50B2403	3.320	2.730
● IHD1EB3R9L	3.9	0.017	3.8	53K4758	3.490	2.870
● IHD1EB4R7L	4.7	0.022	3.4	53K4765	3.490	2.870
IHD-1 5.6UH 15%	5.6	0.024	3.2	45C2419	3.490	2.870
● IHD1EB5R6L	5.6	0.024	3.2	53K4769	3.490	2.870
● IHD1EB6R8L	6.8	0.026	3.1	53K4773	3.490	2.870
IHD-1 8.2UH 15%	8.2	0.028	3	45C2426	3.490	2.870
● IHD1EB8R2L	8.2	0.028	3	53K4777	3.490	2.870
● IHD1EB100L	10	0.033	2.8	53K4733	3.490	2.870
IHD-1 12UH 15%	12	0.037	2.6	01H0612	3.490	2.870
● IHD1EB120L	12	0.037	2.6	53K4737	3.490	2.870
IHD-1 15UH 15%	15	0.04	2.5	45C2402	3.490	2.870
● IHD1EB150L	15	0.04	2.5	53K4741	3.490	2.870
IHD-1 18UH 15%	18	0.044	2.4	45C2405	3.490	2.870
● IHD1EB180L	18	0.044	2.4	53K4745	3.490	2.870
● IHD1EB220L	22	0.05	2.2	53K4751	3.490	2.870
● IHD1EB270L	27	0.07	1.9	53K4754	3.490	2.870
IHD-1 33UH 15%	33	0.075	1.8	45C2411	3.860	3.180
● IHD1EB330L	33	0.075	1.8	53K4759	3.860	3.180
● IHD1EB390L	39	0.084	1.7	53K4762	3.860	3.180
IHD-1 47UH 15%	47	0.104	1.6	45C2417	3.860	3.180
● IHD1EB470L	47	0.104	1.6	53K4766	3.860	3.180
● IHD1EB560L	56	0.13	1.4	53K4770	3.860	3.180
IHD-1 68UH 15%	68	0.145	1.3	45C2424	3.860	3.180
● IHD1EB680L	68	0.145	1.3	53K4774	3.860	3.180
IHD-1 82UH 15%	82	0.152	1.3	45C2427	3.860	3.180
● IHD1EB820L	82	0.152	1.3	53K4778	3.860	3.180
● IHD1EB101L	100	0.208	1.1	53K4734	3.860	3.180
● IHD1EB121L	120	0.283	0.94	53K4738	3.860	3.180
IHD-1 150UH 15%	150	0.33	0.87	45C2403	3.860	3.180
● IHD1EB151L	150	0.33	0.87	53K4742	3.860	3.180
● IHD1EB181L	180	0.362	0.83	53K4746	3.860	3.180
● IHD1EB221L	220	0.505	0.7	53K4752	3.860	3.180
IHD-1 270UH 15%	270	0.557	0.67	45C2410	3.860	3.180
● IHD1EB271L	270	0.557	0.67	53K4755	3.860	3.180
● IHD1EB331L	330	0.65	0.62	53K4760	3.860	3.180
IHD-1 390UH 15%	390	0.77	0.57	45C2415	3.860	3.180
● IHD1EB391L	390	0.77	0.57	53K4763	3.860	3.180
IHD-1 470UH 15%	470	1.03	0.49	92B8032	4.320	3.560

▶ CONTINUED ▶

INDUCTORS – LEADED

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
● IHD1EB471L	470	1.03	0.49	53K4767	4.320	3.560
● IHD1EB561L	560	1.14	0.47	53K4771	4.320	3.560
● IHD1EB681L	680	1.5	0.41	53K4775	4.320	3.560
● IHD1EB821L	820	1.98	0.36	53K4779	4.320	3.560
● IHD1EB102L	1000	2.3	0.33	53K4735	4.320	3.560
IHD-1 1.2KUH 15%	1200	2.55	0.31	45C2401	4.320	3.560
● IHD1EB122L	1200	2.55	0.31	53K4739	4.780	3.940
IHD-1 1.1 KUH 15%	1500	3	0.29	45C2404	4.320	3.560
● IHD1EB152L	1500	3	0.29	53K4743	4.320	3.560
IHD-1 1.8KUH 15%	1800	4	0.25	01H0611	4.320	3.560
● IHD1EB182L	1800	4	0.25	53K4747	4.320	3.560
● IHD1EB222L	2200	4.4	0.24	53K4753	4.320	3.560
IHD-1 2.7KUH 15%	2700	5.8	0.21	01H0616	4.320	3.560
● IHD1EB272L	2700	5.8	0.21	53K4756	4.320	3.560
IHD-1 3.3KUH 15%	3300	6.56	0.2	45C2413	4.320	3.560
● IHD1EB332L	3300	6.56	0.2	53K4761	4.320	3.560
IHD-1 3.9KUH 15%	3900	8.63	0.17	01H0617	4.610	3.800
● IHD1EB392L	3900	8.63	0.17	53K4764	4.610	3.800
IHD-1 4.7KUH 15%	4700	10.1	0.16	45C2418	4.610	3.800
● IHD1EB472L	4700	10.1	0.16	53K4768	4.610	3.800
IHD-1 5.6KUH 15%	5600	11.2	0.15	45C2422	4.610	3.800
● IHD1EB562L	5600	11.2	0.15	53K4772	4.610	3.800
IHD-1 6.8KUH 15%	6800	15	0.13	01H0618	4.610	3.800
● IHD1EB682L	6800	15	0.13	53K4776	4.610	3.800
IHD-1 8.2KUH 15%	8200	20.8	0.11	45C2429	4.610	3.800
● IHD1EB822L	8200	20.8	0.11	53K4780	4.610	3.800
IHD-1 10KUH 15%	10000	23.4	0.1	92B1674	4.780	3.940
● IHD1EB103L	10000	23.4	0.1	53K4736	4.780	3.940
IHD-1 12KUH 15%	12000	26	0.1	01H0613	4.780	3.940
● IHD1EB123L	12000	26	0.1	53K4740	4.780	3.940
IHD-1 15KUH 15%	15000	36	0.08	01H0614	4.780	3.940
● IHD1EB153L	15000	36	0.08	53K4744	4.780	3.940
IHD-1 18KUH 15%	18000	40	0.08	01H0615	4.780	3.940
● IHD1EB183L	18000	40	0.08	53K4748	4.780	3.940
IHD-3 3.9UH 15%	3.9	0.007	4	45C2512	2.300	1.890
● IHD3EB39L	3.9	0.007	4	53K4806	2.300	1.890
IHD-3 4.7UH 15%	4.7	0.008	4	45C2519	2.300	1.890
● IHD3EB47L	4.7	0.008	4	53K4815	2.300	1.890
IHD-3 5.6UH 15%	5.6	0.011	4	45C2523	2.300	1.890
● IHD3EB56L	5.6	0.011	4	53K4820	2.300	1.890
IHD-3 6.8UH 15%	6.8	0.011	4	45C2527	2.300	1.890
● IHD3EB68L	6.8	0.011	4	53K4825	2.300	1.890
IHD-3 8.2UH 15%	8.2	0.013	4	45C2531	2.300	1.890
● IHD3EB82L	8.2	0.013	4	53K4830	2.300	1.890
IHD-3 10UH 15%	10	0.016	4	45C2492	2.300	1.890
● IHD3EB100L	10	0.016	4	53K4781	2.300	1.890
● IHD3EB120L	12	0.018	4	53K4786	2.300	1.890
● IHD3EB150L	15	0.02	4	53K4790	2.300	1.890
IHD-3 18UH 15%	18	0.022	4	01H0621	2.300	1.890
● IHD3EB180L	18	0.022	4	53K4794	2.300	1.890
IHD-3 22UH 15%	22	0.024	4	45C2506	2.300	1.890
● IHD3EB220L	22	0.024	4	53K4798	2.300	1.890
IHD-3 27UH 15%	27	0.025	4	45C2510	2.300	1.890
● IHD3EB270L	27	0.025	4	53K4802	2.300	1.890
IHD-3 33UH 15%	33	0.028	4	45C2513	2.300	1.890
● IHD3EB330L	33	0.028	4	53K4807	2.300	1.890
IHD-3 39UH 15%	39	0.031	4	45C2516	2.300	1.890
● IHD3EB390L	39	0.031	4	53K4811	2.300	1.890
IHD-3 47UH 15%	47	0.034	4	45C2520	2.300	1.890
● IHD3EB470L	47	0.034	4	53K4816	2.300	1.890
IHD-3 56UH 15%	56	0.043	3.2	45C2524	2.300	1.890
● IHD3EB560L	56	0.043	3.2	53K4821	2.300	1.890
● IHD3EB680L	68	0.059	2.5	53K4826	2.300	1.890
● IHD3EB820L	82	0.066	2	53K4831	1.770	1.460
IHD-3 100UH 15%	100	0.084	1.6	45C2493	1.770	1.460
● IHD3EB101L	100	0.084	1.6	53K4782	1.770	1.460
● IHD3EB121L	120	0.113	1.6	53K4787	1.770	1.460
IHD-3 150UH 15%	150	0.129	1.6	45C2501	3.690	3.040
● IHD3EB151L	150	0.129	1.6	53K4791	1.770	1.460
IHD-3 180UH 15%	180	0.15	1.6	97B1402	1.770	1.460
● IHD3EB181L	180	0.15	1.6	53K4795	1.770	1.460
● IHD3EB221L	220	0.162	1.6	53K4799	2.300	1.890
IHD-3 270UH 15%	270	0.226	1.6	45C2511	1.770	1.460
● IHD3EB271L	270	0.226	1.6	53K4803	1.770	1.460

▶ CONTINUED ▶

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
● IHD3EB331L	330	0.257	1.6	53K4808	2.010	1.660
IHD-3 390UH 15%	390	0.288	1.6	45C2517	2.010	1.660
● IHD3EB391L	390	0.288	1.6	53K4812	2.010	1.660
● IHD3EB471L	470	0.393	1.2	53K4817	2.010	1.660
IHD-3 560UH 15%	560	0.504	1	45C2525	2.010	1.660
● IHD3EB561L	560	0.504	1	53K4822	2.010	1.660
● IHD3EB681L	680	0.57	1	53K4827	2.010	1.660
IHD-3 820UH 15%	820	0.643	0.8	45C2532	2.010	1.660
● IHD3EB821L	820	0.643	0.8	53K4832	2.010	1.660
IHD-3 1KUH 15%	1000	0.844	0.8	45C2494	2.010	1.660
● IHD3EB102L	1000	0.844	0.8	53K4783	2.010	1.660
IHD-3 1.2KUH 15%	1200	0.977	0.6	45C2498	2.010	1.660
● IHD3EB122L	1200	0.977	0.6	53K4788	2.010	1.660
IHD-3 1.5KUH 15%	1500	1.18	0.6	45C2502	2.010	1.660
● IHD3EB152L	1500	1.18	0.6	53K4792	2.010	1.660
IHD-3 1.8KUH 15%	1800	1.5	0.6	45C2503	2.010	1.660
● IHD3EB182L	1800	1.5	0.6	53K4796	2.010	1.660
IHD-3 2.2KUH 15%	2200	1.76	0.5	45C2508	4.190	3.450
● IHD3EB222L	2200	1.76	0.5	53K4800	2.010	1.660
IHD-3 2.7KUH 15%	2700	2.13	0.4	01H0622	2.010	1.660
● IHD3EB272L	2700	2.13	0.4	53K4804	2.010	1.660
IHD-3 3.3KUH 15%	3300	2.53	0.4	45C2515	2.010	1.660
● IHD3EB332L	3300	2.53	0.4	53K4809	2.010	1.660
IHD-3 3.9KUH 15%	3900	2.84	0.4	45C2518	2.210	1.820
● IHD3EB392L	3900	2.84	0.4	53K4813	2.210	1.820
IHD-3 4.7KUH 15%	4700	3.79	0.4	45C2522	2.210	1.820
● IHD3EB472L	4700	3.79	0.4	53K4818	2.210	1.820
IHD-3 5.6KUH 15%	5600	4.24	0.32	45C2526	2.210	1.820
● IHD3EB562L	5600	4.24	0.32	53K4823	2.210	1.820
IHD-3 6.8KUH 15%	6800	5.75	0.25	45C2530	2.210	1.820
● IHD3EB682L	6800	5.75	0.25	53K4828	2.210	1.820
IHD-3 8.2KUH 15%	8200	6.44	0.25	45C2533	2.210	1.820
● IHD3EB822L	8200	6.44	0.25	53K4833	2.210	1.820
IHD-3 10KUH 15%	10000	7.3	0.25	45C2495	2.400	1.980
● IHD3EB103L	10000	7.3	0.25	53K4784	2.400	1.980
IHD-3 12KUH 15%	12000	9.34	0.2	45C2499	2.400	1.980
● IHD3EB123L	12000	9.34	0.2	53K4789	2.400	1.980
IHD-3 15KUH 15%	15000	10.7	0.2	01H0620	2.400	1.980
● IHD3EB153L	15000	10.7	0.2	53K4793	2.400	1.980
IHD-3 18KUH 15%	18000	14.8	0.16	45C2505	2.400	1.980
● IHD3EB183L	18000	14.8	0.16	53K4797	2.400	1.980
IHD-3 22KUH 15%	22000	18	0.13	45C2509	2.400	1.980
● IHD3EB223L	22000	18	0.13	53K4801	2.400	1.980
IHD-3 27KUH 15%	27000	22.7	0.13	01H0623	2.400	1.980
● IHD3EB273L	27000	22.7	0.13	53K4805	2.400	1.980
IHD-3 33KUH 15%	33000	25.7	0.13	25C3002	2.400	1.980
● IHD3EB333L	33000	25.7	0.13	53K4810	2.400	1.980
IHD-3 39KUH 15%	39000	29.7	0.1	01H0624	2.520	2.080
● IHD3EB393L	39000	29.7	0.1	53K4814	2.520	2.080
IHD-3 47KUH 15%	47000	33.7	0.1	01H0625	2.520	2.080
● IHD3EB473L	47000	33.7	0.1	53K4819	2.520	2.080
IHD-3 56KUH 15%	56000	38	0.1	01H0626	2.520	2.080
● IHD3EB563L	56000	38	0.1	53K4824	2.520	2.080
IHD-3 68KUH 15%	68000	52.8	0.08	01H0627	2.520	2.080
● IHD3EB683L	68000	52.8	0.08	53K4829	2.520	2.080
IHD-3 82KUH 15%	82000	67.3	0.07	01H0628	2.520	2.080
● IHD3EB823L	82000	67.3	0.07	53K4834	2.520	2.080
IHD-3 100KUH 15%	100000	76	0.07	45C2496	2.520	2.080
● IHD3EB104L	100000	76	0.07	53K4785	2.520	2.080

(73324)

Keep up with
environmental
laws.

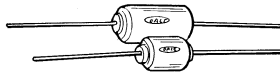
(94635)

Learn about China RoHS,
US/Canadian green laws & free
RoHS compliance tools. Visit
www.newark.com/rohs

INDUCTORS – LEADED • LEADED CHOKES

MFG. PART NO. IHA HIGH-CURRENT
FILTER INDUCTORS

Pre-tinned PC mounting axial leads designed for use with switching power supplies. Protected by polyolefin sleeve. Inductance measured at 1kHz with no DC current. Operating temperature: -55°C to +125°C. Tolerance: ±10%.



DIMENSIONS (mm)

Mfg. Part No.	Body Width A (max)	Body Length B (max)	Lead dia. C±0.002 (.050)
IHA-101	0.475 (12.07)	0.800 (20.32)	0.032 (0.813)
IHA-102	0.475 (12.07)	0.800 (20.32)	0.032 (0.813)
IHA-103	0.475 (12.07)	1.05 (26.67)	0.032 (0.813)
IHA-104	0.550 (13.97)	1.05 (26.67)	0.032 (0.813)
IHA-105	0.550 (13.97)	1.175 (29.85)	0.032 (0.813)
IHA-202	0.500 (12.70)	0.800 (20.32)	0.032 (0.813)
IHA-203	0.500 (12.70)	0.920 (23.37)	0.032 (0.813)
IHA-303	0.550 (13.97)	0.800 (20.32)	0.032 (0.813)

Mfg. Part No.	L (Ind.) (µH)	Current (A)	Stock No.	Price Each		
				1-9	10-24	25+
● IHA101EB	50	2.5	53K4686	1.590	1.330	1.280
● IHA102EB	100	2.1	53K4687	1.600	1.340	1.290
● IHA103EB	250	1.8	53K4688	1.750	1.470	1.410
● IHA104EB	500	1.6	53K4689	1.800	1.510	1.450
● IHA105EB	1000	1.4	53K4690	2.050	1.720	1.650
● IHA202EB	50	3.1	53K4691	1.620	1.360	1.310
● IHA203EB	100	2.7	53K4692	1.750	1.470	1.410
● IHA303EB	27	4.8	53K4693	1.650	1.380	1.330

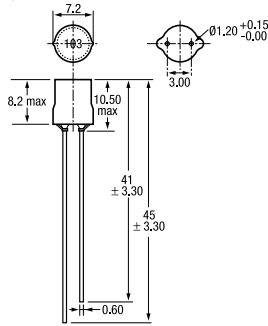
(7298)

2200R SERIES MINIATURE
RADIAL LEAD 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.

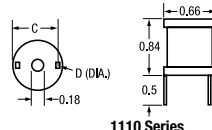


All dimensions in mm xx.x ± 0.50, xx.xx ± 0.25

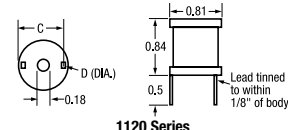
Type 22R224

Mfg. Part No.	L (Induct.) (µH)	I _{max} (A)	Stock No.	Price Each
				1-24
● 22R103C	10	1.5	62K0491	0.590
● 22R104C	100	0.66	62K0492	0.590
● 22R105C	1	0.17	62K0493	0.590
● 22R154C	150	0.52	62K0496	0.590
● 22R155C	1.5	0.13	62K0497	0.590
● 22R156C	15	0.054	62K0498	0.840
● 22R223C	22	1	62K0499	0.590
● 22R224C	220	0.44	62K0500	0.590
● 22R225C	2.2	0.11	62K0501	0.590
● 22R226C	22	0.045	62K0502	0.840
● 22R333C	33	0.92	62K0503	0.590
● 22R334C	330	0.38	62K0504	0.590
● 22R335C	3.3	0.10	62K0505	0.590
● 22R336C	33	0.036	62K0506	0.840
● 22R473C	47	0.78	62K0507	0.590
● 22R474C	470	0.31	62K0508	0.590
● 22R475C	4.7	0.081	62K0509	0.590
● 22R476C	47	0.027	62K0510	0.840
● 22R683C	68	0.77	62K0511	0.590
● 22R684C	680	0.25	62K0512	0.590
● 22R686C	68	0.018	62K0514	0.840

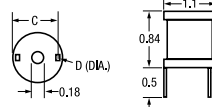
(66176)

1100 SERIES HIGH-CURRENT
RF CHOKES

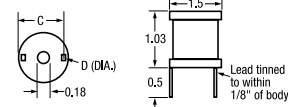
1110 Series



1120 Series



1130 Series



1140 Series

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: 2500V_{RMS} terminal to shrink tube cover; 1000V_{RMS} 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 _C (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	1-9	10-24
● 1110-1R0M-RC	1	0.003	9	0.55	0.051	63K3243	2.050	1.540
● 1110-1R2M-RC	1.2	0.003	9	0.55	0.051	63K3244	2.050	1.540
● 1110-1R5M-RC	1.5	0.004	9	0.55	0.051	63K3245	2.050	1.540
● 1110-1R8M-RC	1.8	0.004	9	0.55	0.051	63K3246	2.050	1.540
● 1110-2R2M-RC	2.2	0.005	9	0.55	0.051	63K3255	2.050	1.540
● 1110-2R7M-RC	2.7	0.005	9	0.55	0.051	63K3256	2.050	1.540
● 1110-3R3M-RC	3.3	0.005	9	0.55	0.051	63K3261	2.050	1.540
● 1110-3R9M-RC	3.9	0.006	9	0.55	0.051	63K3262	2.050	1.540
● 1110-4R7M-RC	4.7	0.007	9	0.55	0.051	63K3266	2.050	1.540
● 1110-5R6M-RC	5.6	0.007	9	0.55	0.051	63K3269	2.050	1.540
● 1110-6R8M-RC	6.8	0.008	9	0.55	0.051	63K3272	2.050	1.540
● 1110-8R2M-RC	8.2	0.009	9	0.55	0.051	63K3274	2.050	1.540

1110 SERIES; ±10% TOLERANCE

● 1110-100K-RC	10	0.010	9	0.55	0.051	63K3247	2.050	1.540
● 1110-120K-RC	12	0.011	9	0.55	0.051	63K3249	2.050	1.540
● 1110-150K-RC	15	0.015	7.2	0.53	0.045	63K3251	2.050	1.540
● 1110-180K-RC	18	0.016	7.2	0.53	0.045	63K3253	2.050	1.540
● 1110-220K-RC	22	0.020	5.5	0.53	0.045	63K3257	2.050	1.540
● 1110-270K-RC	27	0.030	4.5	0.53	0.040	63K3259	2.050	1.540
● 1110-330K-RC	33	0.040	4	0.53	0.040	63K3263	2.050	1.540
● 1110-390K-RC	39	0.046	4	0.53	0.040	63K3264	2.050	1.540
● 1110-470K-RC	47	0.062	2.8	0.53	0.036	63K3267	2.050	1.540
● 1110-560K-RC	56	0.069	2.8	0.53	0.036	63K3270	2.050	1.540
● 1110-680K-RC	68	0.077	2.8	0.50	0.032	63K3273	2.050	1.540
● 1110-820K-RC	82	0.083	2.8	0.50	0.032	63K3275	2.050	1.540
● 1110-101K-RC	100	0.095	2.8	0.50	0.032	63K3248	2.050	1.540
● 1110-121K-RC	120	0.127	2	0.50	0.029	63K3250	2.050	1.540
● 1110-151K-RC	150	0.181	1.6	0.50	0.029	63K3252	2.050	1.540
● 1110-181K-RC	180	0.217	1.6	0.50	0.025	63K3254	2.050	1.540
● 1110-221K-RC	220	0.240	1.6	0.50	0.025	63K3258	2.050	1.540
● 1110-271K-RC	270	0.300	1.6	0.47	0.020	63K3260	2.050	1.540
● 1110-331K-RC	330	0.336	1.3	0.47	0.020	52K7991	2.050	1.540
● 1110-391K-RC	390	0.460	1	0.47	0.020	63K3265	2.050	1.540
● 1110-471K-RC	470	0.636	0.8	0.47	0.020	63K3268	2.050	1.540
● 1110-561K-RC	560	0.696	0.8	0.47	0.020	63K3271	2.050	1.540

1120 SERIES; ±20% TOLERANCE

● 1120-1R0M-RC	1	0.003	11.4	0.63	0.072	63K3276	3.200	2.400
● 1120-1R2M-RC	1.2	0.003	11.4	0.63	0.072	63K3277	3.200	2.400
● 1120-1R5M-RC	1.5	0.003	11.4	0.63	0.072	63K3278	3.200	2.400
● 1120-1R8M-RC	1.8	0.003	11.4	0.63	0.072	63K3279	3.200	2.400
● 1120-2R2M-RC	2.2	0.004	11.4	0.63	0.072	63K3291	3.200	2.400
● 1120-2R7M-RC	2.7	0.005	11.4	0.63	0.064	63K3292	3.200	2.400
● 1120-3R3M-RC	3.3	0.005	11.4	0.63	0.064	63K3298	3.200	2.400
● 1120-3R9M-RC	3.9	0.005	11.4	0.63	0.064	63K3299	3.200	2.400
● 1120-4R7M-RC	4.7	0.005	11.4	0.63	0.064	63K3304	3.200	2.400
● 1120-5R6M-RC	5.6	0.006	11.4	0.63	0.064	63K3307	3.200	2.400
● 1120-6R8M-RC	6.8	0.007	11.4	0.63	0.064	63K3310	3.200	2.400
● 1120-8R2M-RC	8.2	0.007	11.4	0.63	0.064	63K3313	3.200	2.400

1120 SERIES; ±10% TOLERANCE

● 1120-100K-RC	10	0.009	11.4	0.63	0.064	63K3280	3.200	2.400
● 1120-150K-RC	15	0.013	9	0.63	0.057	63K3285	3.200	2.400
● 1120-180K-RC	18	0.018	7.2	0.63	0.051	63K3288	3.200	2.400
● 1120-220K-RC	22	0.019	7.2	0.63	0.051	63K3293	3.200	2.400

➤ CONTINUED ➤

LEADED CHOKES

1100 SERIES HIGH-CURRENT RF CHOKES (CONT.)

1120 SERIES; $\pm 10\%$ TOLERANCE

Mfg. Part No.	L (Induct.) (μ H)	DCR Max. (Ω)	I_{DC} (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	Price Each	
							1-9	10-24
● 1120-270K-RC	27	0.026	5.5	0.63	0.051	63K3296	3.200	2.400
● 1120-330K-RC	33	0.029	5.5	0.60	0.045	63K3300	3.200	2.400
● 1120-390K-RC	39	0.030	5.5	0.60	0.045	63K3302	3.200	2.400
● 1120-470K-RC	47	0.035	5.5	0.62	0.045	63K3305	3.200	2.400
● 1120-560K-RC	56	0.039	5.5	0.62	0.040	63K3308	3.200	2.400
● 1120-680K-RC	68	0.053	4.8	0.62	0.040	63K3311	3.200	2.400
● 1120-820K-RC	82	0.060	4.8	0.62	0.040	63K3314	3.200	2.400
● 1120-101K-RC	100	0.080	4	0.62	0.036	63K3281	3.200	2.400
● 1120-121K-RC	120	0.090	4	0.62	0.036	63K3283	3.200	2.400
● 1120-151K-RC	150	0.098	4	0.62	0.032	63K3286	3.200	2.400
● 1120-181K-RC	180	0.110	4	0.62	0.032	63K3289	3.200	2.400
● 1120-221K-RC	220	0.150	2.8	0.62	0.032	63K3294	3.200	2.400
● 1120-271K-RC	270	0.213	2	0.60	0.029	63K3297	3.200	2.400
● 1120-331K-RC	330	0.305	1.6	0.60	0.029	63K3301	3.200	2.400
● 1120-391K-RC	390	0.320	1.6	0.60	0.025	63K3303	3.200	2.400
● 1120-471K-RC	470	0.355	1.6	0.60	0.025	63K3306	3.200	2.400
● 1120-561K-RC	560	0.388	1.6	0.60	0.025	63K3309	3.200	2.400
● 1120-681K-RC	680	0.430	1.6	0.60	0.025	63K3312	3.200	2.400
● 1120-821K-RC	820	0.590	1.3	0.60	0.023	63K3315	3.200	2.400
● 1120-102K-RC	1000	0.009	1	0.60	0.020	63K3282	3.200	2.400
● 1120-122K-RC	1200	1.14	0.8	0.60	0.020	63K3284	3.200	2.400
● 1120-152K-RC	1500	1.26	0.8	0.60	0.020	63K3287	3.200	2.400
● 1120-182K-RC	1800	1.39	0.8	0.60	0.018	63K3290	3.200	2.400
● 1120-222K-RC	2200	1.54	0.8	0.60	0.018	63K3295	3.200	2.400

1130 SERIES; $\pm 20\%$ TOLERANCE

● 1130-1R0M-RC	1	0.003	21	0.80	0.081	63K3316	6.150	4.620
● 1130-1R2M-RC	1.2	0.003	21	0.80	0.081	63K3317	6.150	4.620
● 1130-1R5M-RC	1.5	0.003	21	0.80	0.081	63K3318	6.150	4.620
● 1130-1R8M-RC	1.8	0.003	21	0.80	0.081	63K3319	6.150	4.620
● 1130-2R2M-RC	2.2	0.003	21	0.80	0.081	63K3332	6.150	4.620
● 1130-2R7M-RC	2.7	0.003	21	0.80	0.081	63K3333	6.150	4.620
● 1130-3R3M-RC	3.3	0.003	21	0.80	0.081	63K3341	6.150	4.620
● 1130-3R9M-RC	3.9	0.003	21	0.80	0.081	63K3342	6.150	4.620
● 1130-4R7M-RC	4.7	0.003	21	0.80	0.081	63K3349	6.150	4.620
● 1130-5R6M-RC	5.6	0.003	21	0.82	0.081	63K3353	6.150	4.620
● 1130-6R8M-RC	6.8	0.004	21	0.82	0.081	63K3356	6.150	4.620
● 1130-8R2M-RC	8.2	0.004	21	0.82	0.081	63K3359	6.150	4.620

1130 SERIES; $\pm 10\%$ TOLERANCE

● 1130-100K-RC	10	0.006	17	0.82	0.081	63K3320	4.920	3.690
● 1130-120K-RC	12	0.008	13.5	0.80	0.072	63K3323	6.150	4.620
● 1130-150K-RC	15	0.009	13.5	0.80	0.072	63K3326	6.150	4.620
● 1130-180K-RC	18	0.010	13.5	0.80	0.072	63K3329	6.150	4.620
● 1130-220K-RC	22	0.011	13.5	0.79	0.064	63K3334	6.150	4.620
● 1130-270K-RC	27	0.012	13.5	0.79	0.064	63K3338	6.150	4.620
● 1130-330K-RC	33	0.017	13.5	0.79	0.064	63K3343	6.150	4.620
● 1130-390K-RC	39	0.022	11.4	0.79	0.057	63K3346	6.150	4.620
● 1130-470K-RC	47	0.024	9	0.79	0.057	63K3350	6.150	4.620
● 1130-560K-RC	56	0.026	9	0.79	0.057	63K3354	6.150	4.620
● 1130-680K-RC	68	0.029	9	0.79	0.057	63K3357	6.150	4.620
● 1130-820K-RC	82	0.032	9	0.79	0.051	63K3360	6.150	4.620
● 1130-101K-RC	100	0.034	9	0.79	0.051	63K3321	6.150	4.620
● 1130-121K-RC	120	0.046	7.2	0.79	0.051	63K3324	6.150	4.620
● 1130-151K-RC	150	0.064	5.5	0.77	0.045	63K3327	6.150	4.620
● 1130-181K-RC	180	0.072	5.5	0.77	0.045	63K3330	6.150	4.620
● 1130-221K-RC	220	0.080	5.5	0.77	0.040	63K3335	6.150	4.620
● 1130-271K-RC	270	0.110	4.5	0.77	0.040	63K3339	6.150	4.620
● 1130-331K-RC	330	0.122	4.5	0.77	0.040	63K3344	6.150	4.620
● 1130-391K-RC	390	0.169	4	0.77	0.036	63K3347	6.150	4.620
● 1130-471K-RC	470	0.187	4	0.77	0.036	63K3351	6.150	4.620
● 1130-561K-RC	560	0.205	4	0.77	0.032	63K3355	6.150	4.620
● 1130-681K-RC	680	0.256	2.8	0.77	0.032	63K3358	6.150	4.620
● 1130-821K-RC	820	0.288	2.8	0.77	0.032	63K3361	6.150	4.620
● 1130-102K-RC	1000	0.426	2	0.75	0.029	63K3322	6.150	4.620
● 1130-122K-RC	1200	0.426	2	0.75	0.029	63K3325	6.150	4.620
● 1130-152K-RC	1500	0.518	2	0.75	0.025	63K3328	6.150	4.620
● 1130-182K-RC	1800	0.705	1.6	0.75	0.025	63K3331	6.150	4.620
● 1130-222K-RC	2200	1.02	1.3	0.75	0.025	63K3336	6.150	4.620
● 1130-272K-RC	2700	1.14	1.3	0.75	0.023	63K3340	6.150	4.620
● 1130-332K-RC	3300	1.27	1.3	0.75	0.020	63K3345	6.150	4.620
● 1130-392K-RC	3900	1.67	1	0.75	0.020	63K3348	6.150	4.620
● 1130-472K-RC	4700	1.86	1	0.75	0.020	63K3352	6.150	4.620

▶ CONTINUED ▶

1100 SERIES HIGH-CURRENT RF CHOKES (CONT.)

1140 SERIES; $\pm 20\%$ TOLERANCE

Mfg. Part No.	L (Induct.) (μ H)	DCR Max. (Ω)	I_{DC} (A)	Dim. C Approx. (in.)	Dim. D Nom. (in.)	Stock No.	Price Each	
							1-9	10-24
● 1140-1R8M-RC	1.8	0.002	27	1.11	0.081	63K3362	7.530	6.680
● 1140-2R2M-RC	2.2	0.002	27	1.11	0.081	63K3378	7.530	6.680
● 1140-2R7M-RC	2.7	0.003	27	1.11	0.081	63K3379	7.530	6.680
● 1140-3R3M-RC	3.3	0.003	27	1.11	0.081	63K3386	7.530	6.680
● 1140-3R9M-RC	3.9	0.003	27	1.11	0.081	63K3387	7.530	6.680
● 1140-4R7M-RC	4.7	0.003	27	1.11	0.081	63K3394	7.530	6.680
● 1140-5R6M-RC	5.6	0.004	27	1.11	0.081	63K3398	7.530	6.680
● 1140-6R8M-RC	6.8	0.004	27	1.15	0.081	63K3402	7.530	6.680
● 1140-8R2M-RC	8.2	0.004	27	1.15	0.081	63K3405	7.530	6.680

1140 SERIES; $\pm 10\%$ TOLERANCE

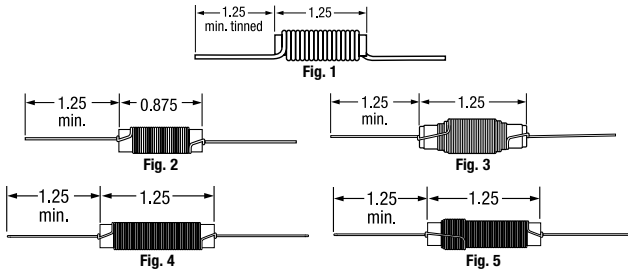
● 1140-100K-RC	10	0.005	27	1.15	0.081	63K3363	7.530	6.680
● 1140-120K-RC	12	0.005	27	1.15	0.081	63K3367	7.530	6.680
● 1140-150K-RC	15	0.006	27	1.15	0.081	63K3371	7.530	6.680
● 1140-180K-RC	18	0.008	27	1.15	0.081	63K3375	7.530	6.680
● 1140-220K-RC	22	0.009	21	1.15	0.081	63K3380	7.530	6.680
● 1140-270K-RC	27	0.010	21	1.15	0.081	63K3383	7.530	6.680
● 1140-330K-RC	33	0.011	21	1.15	0.072	63K3388	7.530	6.680
● 1140-390K-RC	39	0.012	21	1.15	0.072	63K3391	7.530	6.680
● 1140-470K-RC	47	0.018	14.4	1.15	0.072	63K3395	7.530	6.680
● 1140-560K-RC	56	0.019	14.4	1.15	0.064	63K3399	7.530	6.680
● 1140-680K-RC	68	0.021	14.4	1.15	0.064	63K3403	7.530	6.680
● 1140-820K-RC	82	0.023	14.4	1.15	0.064	63K3406	7.530	6.680
● 1140-101K-RC	100	0.025	14.4	1.15	0.064	63K3364	7.530	6.680
● 1140-121K-RC	120	0.028	14.4	1.15	0.057	63K3368	7.530	6.680
● 1140-151K-RC	150	0.040	11.4	1.15	0.057	63K3372	7.530	6.680
● 1140-181K-RC	180	0.045	11.4	1.15	0.057	63K3376	7.530	6.680
● 1140-221K-RC	220	0.050	11.4	1.15	0.051	63K3381	7.530	6.680
● 1140-271K-RC	270	0.056	11.4	1.15	0.051	63K3384	7.530	6.680
● 1140-331K-RC	330	0.074	11.4	1.15	0.051	63K3389	7.530	6.680
● 1140-391K-RC	390	0.082	9	1.15	0.045	63K3392	7.530	6.680
● 1140-471K-RC	470	0.114	7.2	1.15	0.045	63K3396	7.530	6.680
● 1140-561K-RC	560	0.125	7.2	1.15	0.040	63K3400	7.530	6.680
● 1140-681K-RC	680	0.139	7.2	1.15	0.040	63K3404	7.530	6.680
● 1140-821K-RC	820	0.154	7.2	1.15	0.040	63K3407	7.530	6.680
● 1140-102K-RC	1000	0.216	5.5	1.15	0.040	63K3365	7.530	6.680
● 1140-122K-RC	1200	0.232	5.5	1.14	0.036	63K3369	7.530	6.680
● 1140-152K-RC	1500	0.324	4.5	1.14	0.036	63K3373	7.530	6.680
● 1140-182K-RC	1800	0.360	4.5	1.14	0.036	63K3377	7.530	6.680
● 1140-222K-RC	2200	0.494	4	1.10	0.032	63K3382	7.530	6.680
● 1140-272K-RC	2700	0.555	4	1.12	0.032	63K3385	7.530	6.680
● 1140-332K-RC	3300	0.773	2.8	1.10	0.029	63K3390	7.530	6.680
● 1140-392K-RC	3900	0.845	2.8	1.10	0.029	63K3393	7.530	6.680
● 1140-472K-RC	4700	1.14	2	1.12	0.029	63K3397	7.530	6.680
● 1140-562K-RC	5600	1.60	2	1.09	0.025	63K3401	7.530	6.680

LEADED CHOKES

5200 SERIES HASH CHOKES



J.W. Miller
MAGNETICS
A Bourns Company



- 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%

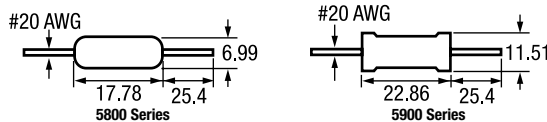
Mfg. Part No.	L (Induct.) (μH)	DCR Max. (mΩ)	I _{Max} (A)	Test Freq.	Coil Dia. Max. (in.)	Fig.	Stock No.	Price Each		
								1-9	10-24	25-49
● 5218-RC	3.35	10	20	7.96MHz	0.6	1	63K2756	3.290	2.350	1.880
● 5219-RC	4.9	16	15	7.96MHz	0.6	1	63K2757	3.290	2.350	1.880
● 5220-RC	8.8	21	10	7.96MHz	0.56	1	63K2758	3.290	2.350	1.880
● 5230-RC	4	12	8	7.96MHz	0.38	2	63K2759	1.400	1.000	0.800
● 5240-RC	40	82	3	1 KHz	0.31	4	63K2760	1.400	1.000	0.800
● 5248-RC	68	54	5	1 KHz	0.56	3	63K2761	1.400	1.000	0.800
● 5250-RC	100	216	2	1 KHz	0.38	5	63K2762	1.400	1.000	0.800
● 5252-RC	125	80	3.5	1 KHz	0.5	3	63K2763	1.400	1.000	0.800
● 5254-RC	250	170	2.5	1 KHz	0.44	3	63K2764	1.400	1.000	0.800
● 5256-RC	500	260	2	1 KHz	0.56	3	63K2765	1.400	1.000	0.800
● 5258-RC	1	550	1	1 KHz	0.5	3	63K2766	1.400	1.000	0.800

(33798)

5800 AND 5900 SERIES HIGH-CURRENT RF CHOKES



J.W. Miller
MAGNETICS
A Bourns Company



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	
● 5800-3R9-RC	3.90	0.019	7.3	1.28	63K3832	1.560	1.170	
● 5800-4R7-RC	4.70	0.022	6.3	1.28	63K3839	1.560	1.170	
● 5800-5R6-RC	5.60	0.024	5.6	1.28	63K3842	1.560	1.170	
● 5800-6R8-RC	6.80	0.026	5.3	1.28	63K3846	1.560	1.170	
● 5800-8R2-RC	8.20	0.028	4.5	1.28	63K3850	1.560	1.170	
● 5800-100-RC	10	0.033	4.1	1.28	63K3810	1.560	1.170	
● 5800-120-RC	12	0.037	3.6	1.28	63K3814	1.560	1.170	
● 5800-150-RC	15	0.04	3.3	1.28	63K3818	1.560	1.170	
● 5800-180-RC	18	0.044	3	1.28	63K3822	1.560	1.170	
● 5800-220-RC	22	0.05	2.7	1.28	63K3826	1.560	1.170	
● 5800-270-RC	27	0.058	2.5	1.28	63K3829	1.560	1.170	
● 5800-330-RC	33	0.075	2.2	1.008	63K3833	1.560	1.170	
● 5800-390-RC	39	0.094	2	0.804	63K3836	1.560	1.170	
● 5800-470-RC	47	0.109	1.8	0.804	63K3840	1.560	1.170	
● 5800-560-RC	56	0.14	1.7	0.804	63K3843	1.560	1.170	
● 5800-680-RC	68	0.145	1.5	0.804	63K3847	1.560	1.170	
● 5800-820-RC	82	0.152	1.4	0.804	63K3851	1.560	1.170	
● 5800-101-RC	100	0.208	1.2	0.632	63K3811	1.560	1.170	
● 5800-121-RC	120	0.283	1.1	0.508	63K3815	1.560	1.170	
● 5800-151-RC	150	0.34	1	0.508	63K3819	1.560	1.170	
● 5800-181-RC	180	0.362	0.95	0.508	63K3823	1.560	1.170	
● 5800-221-RC	220	0.43	0.86	0.508	63K3827	1.560	1.170	
● 5800-271-RC	270	0.557	0.77	0.4	63K3830	1.560	1.170	
● 5800-331-RC	330	0.665	0.7	0.4	63K3834	1.560	1.170	

➔ CONTINUED ➔

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
● 5800-391-RC	390	0.772	0.64	0.4	63K3837	1.560	1.170
● 5800-471-RC	470	1.15	0.59	0.315	57K2530	1.560	1.170
● 5800-561-RC	560	1.27	0.54	0.315	63K3844	1.560	1.170
● 5800-681-RC	680	1.61	0.49	0.25	63K3848	1.560	1.170
● 5800-821-RC	820	1.96	0.44	0.2	63K3852	1.560	1.170
● 5800-102-RC	1000	2.3	0.4	0.2	63K3812	1.560	1.170
● 5800-122-RC	1200	2.65	0.35	0.2	63K3816	1.560	1.170
● 5800-152-RC	1500	3.45	0.33	0.158	63K3820	1.560	1.170
● 5800-182-RC	1800	4.03	0.29	0.158	63K3824	1.560	1.170
● 5800-222-RC	2200	4.48	0.27	0.158	63K3828	1.560	1.170
● 5800-272-RC	2700	5.9	0.24	0.125	63K3831	1.560	1.170
● 5800-332-RC	3300	6.56	0.22	0.125	63K3835	1.560	1.170
● 5800-392-RC	3900	8.63	0.2	0.1	63K3838	1.560	1.170
● 5800-472-RC	4700	10.5	0.18	0.1	63K3841	1.560	1.170
● 5800-562-RC	5600	13.9	0.166	0.082	63K3845	1.560	1.170
● 5800-682-RC	6800	16.3	0.151	0.082	63K3849	1.560	1.170
● 5800-822-RC	8200	20.8	0.136	0.065	63K3853	1.560	1.170
● 5800-103-RC	10000	26.4	0.125	0.05	63K3813	1.560	1.170
● 5800-123-RC	12000	29.9	0.114	0.05	63K3817	1.560	1.170
● 5800-153-RC	15000	42.5	0.098	0.039	63K3821	1.560	1.170
● 5800-183-RC	18000	48.3	0.091	0.039	63K3825	1.560	1.170

RoHS COMPLIANT — 5900 SERIES

● 5900-3R9-RC	3.90	0.007	15.5	4	63K3879	2.400	1.720
● 5900-4R7-RC	4.70	0.008	13.9	4	63K3888	2.400	1.720
● 5900-5R6-RC	5.60	0.011	12.6	4	63K3893	2.400	1.720
● 5900-6R8-RC	6.80	0.011	11.6	4	63K3898	2.400	1.720
● 5900-8R2-RC	8.20	0.013	9.89	4	63K3903	2.400	1.720
● 5900-100-RC	10	0.017	8.7	4	63K3854	2.400	1.720
● 5900-120-RC	12	0.019	8.21	4	63K3859	2.400	1.720
● 5900-150-RC	15	0.022	7.34	4	63K3863	2.400	1.720
● 5900-180-RC	18	0.023	6.64	4	63K3867	2.400	1.720
● 5900-220-RC	22	0.026	6.07	4	63K3871	2.400	1.720
● 5900-270-RC	27	0.027	5.36	4	63K3875	2.400	1.720
● 5900-330-RC	33	0.032	4.82	4	63K3880	2.400	1.720
● 5900-390-RC	39	0.033	4.36	4	63K3884	2.400	1.720
● 5900-470-RC	47	0.035	3.98	4	63K3889	2.400	1.720
● 5900-560-RC	56	0.037	3.66	3.2	63K3894	2.400	1.720
● 5900-680-RC	68	0.047	3.31	2.5	63K3899	2.400	1.720
● 5900-820-RC	82	0.06	3.1	2	63K3904	2.400	1.720
● 5900-101-RC	100	0.09	2.79	1.6	63K3855	2.400	1.720
● 5900-121-RC	120	0.113	2.54	1.6	63K3860	2.400	1.720
● 5900-151-RC	150	0.129	2.22	1.6	63K3864	2.400	1.720
● 5900-181-RC	180	0.15	1.98	1.6	63K3868	2.400	1.720
● 5900-221-RC	220	0.162	1.89	1.6	63K3872	2.400	1.720
● 5900-271-RC	270	0.208	1.63	1.6	63K3876	2.400	1.720
● 5900-331-RC	330	0.212	1.51	1.6	63K3881	2.400	1.720
● 5900-391-RC	390	0.281	1.39	1.6	63K3885	2.400	1.720
● 5900-471-RC	470	0.38	1.24	1.2	63K3890	2.400	1.720
● 5900-561-RC	560	0.42	1.17	1	63K3895	2.400	1.720
● 5900-681-RC	680	0.548	1.05	1	63K3900	2.400	1.720
● 5900-821-RC	820	0.655	0.97	0.8	63K3905	2.400	1.720
● 5900-102-RC	1000	0.844	0.87	0.8	63K3856	2.400	1.720
● 5900-122-RC	1200	1.04	0.79	0.6	63K3861	2.400	1.720
● 5900-152-RC	1500	1.18	0.7	0.6	63K3865	2.400	1.720
● 5900-182-RC	1800	1.56	0.64	0.6	63K3869	2.400	1.720
● 5900-222-RC	2200	2	0.58	0.5	63K3873	2.400	1.720
● 5900-272-RC	2700	2.06	0.53	0.4	63K3877	2.400	1.720
● 5900-332-RC	3300	2.53	0.47	0.4	63K3882	2.400	1.720
● 5900-392-RC	3900	2.75	0.43	0.4	63K3886	2.400	1.720
● 5900-472-RC	4700	3.19	0.39	0.4	63K3891	2.400	1.720
● 5900-562-RC	5600	3.92	0.359	0.315	63K3896	2.400	1.720
● 5900-682-RC	6800	5.69	0.322	0.25	63K3901	2.400	1.720
● 5900-822-RC	8200	6.32	0.293	0.25	63K3906	2.400	1.720
● 5900-103-RC	10000	7.3	0.266	0.25	63K3857	2.400	1.720
● 5900-123-RC	12000	9.2	0.241	0.2	63K3862	2.400	1.720
● 5900-153-RC	15000	10.5	0.214	0.2	63K3866	2.400	1.720
● 5900-183-RC	18000	14.8	0.198	0.158	63K3870	2.400	1.720
● 5900-223-RC	22000	21.8	0.18	0.125	63K3874	2.400	1.720
● 5900-273-RC	27000	22.7	0.162	0.125	63K3878	2.400	1.720
● 5900-333-RC	33000	25.7	0.146	0.125	63K3883	2.400	1.720
● 5900-393-RC	39000	31.8	0.135	0.1	63K3887	2.400	1.720
● 5900-473-RC	47000	36.1	0.122	0.1	63K3892	2.400	1.720
● 5900-563-RC	56000	40.9	0.112	0.1	63K3897	2.400	1.720
● 5900-683-RC	68000	57.3	0.101	0.082	63K3902	2.400	1.720

➔ CONTINUED ➔

LEADED CHOKES

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

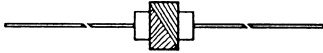
RoHS COMPLIANT — 5900 SERIES

Mfg. Part No.	L (Induct.) (μH)	R _{Max} (Ω)	Current (A)		Stock No.	Price Each	
			Saturated	Rated		1-9	10-24
● 5900-823-RC	82000	79.3	0.09	0.065	63K3907	2.400	1.720
● 5900-104-RC	100000	89.7	0.081	0.065	63K3858	2.400	1.720

(7406)

70F SERIES SUBMINIATURE
RF CHOKES

J.W. Miller
MAGNETICS
A Bourns Company



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	0.853	0.641
● 70F157AP-RC	0.15	52	0.25	2828	0.14	63K3962	0.821	0.617
● 70F227AP-RC	0.22	48	0.38	2294	0.14	63K3976	0.821	0.617
● 70F337AP-RC	0.7	47	0.7	1690	0.12	63K3996	0.821	0.617
● 70F477AP-RC	0.47	46	0.125	1264	0.12	63K4010	0.821	0.617
● 70F687AP-RC	0.68	48	0.2	1000	0.12	63K4024	0.853	0.641
● 70F757AP-RC	0.75	48	0.264	870	0.12	63K4030	0.821	0.617
● 70F827AP-RC	0.82	48	0.29	830	0.12	63K4036	0.821	0.617
● 70F106AI-RC	1	41	0.048	2041	0.16	63K3948	1.020	0.763

RoHS COMPLIANT — ±10% TOLERANCE

● 70F126AI-RC	1.2	45	0.072	1666	0.16	63K3955	1.020	0.763
● 70F156AI-RC	1.5	42	0.096	1443	0.16	63K3961	1.020	0.763
● 70F186AI-RC	1.8	31	0.096	1443	0.16	63K3968	1.020	0.763
● 70F226AI-RC	2.2	43	0.156	1132	0.16	63K3975	1.020	0.763
● 70F276AI-RC	2.7	34	0.168	1091	0.16	63K3987	1.020	0.763
● 70F336AI-RC	3.3	40	0.24	912	0.15	63K3995	1.020	0.763
● 70F396AI-RC	3.9	35	0.264	870	0.15	63K4003	1.020	0.763
● 70F476AI-RC	4.7	43	0.457	661	0.15	63K4009	1.020	0.763
● 70F566AI-RC	5.6	41	0.492	637	0.15	63K4018	1.020	0.763
● 70F686AI-RC	6.8	40	0.624	566	0.15	63K4023	1.020	0.763
● 70F756AI-RC	7.5	32	0.624	566	0.15	63K4029	1.020	0.763
● 70F826AI-RC	8.2	37	0.744	518	0.15	63K4035	1.020	0.763
● 70F916AI-RC	9.1	41	1.44	288	0.16	63K4041	1.020	0.763
● 70F105AI-RC	10	36	1.56	277	0.16	63K3947	1.220	0.915
● 70F125AI-RC	12	52	1.68	267	0.16	63K3954	1.220	0.915
● 70F155AI-RC	15	52	1.92	250	0.16	63K3960	1.220	0.915

RoHS COMPLIANT — ±5% TOLERANCE

● 70F185AI-RC	18	52	2.28	229	0.16	63K3967	1.220	0.915
● 70F225AI-RC	22	51	2.28	229	0.16	63K3974	1.220	0.915
● 70F255AI-RC	25	48	2.64	213	0.17	63K3981	1.220	0.915
● 70F275AI-RC	27	49	2.64	213	0.17	63K3986	1.220	0.915
● 70F335AI-RC	33	50	2.76	208	0.17	63K3994	1.220	0.915
● 70F395AI-RC	39	48	3.36	188	0.17	63K4002	1.220	0.915
● 70F475AI-RC	47	44	3.36	188	0.17	63K4008	1.220	0.915
● 70F565AI-RC	56	45	3.84	176	0.18	63K4017	1.220	0.915
● 70F685AI-RC	68	42	4.2	169	0.18	63K4022	1.220	0.915
● 70F755AI-RC	75	38	4.56	162	0.18	63K4028	1.220	0.915
● 70F825AI-RC	82	41	4.8	158	0.18	63K4034	1.220	0.915
● 70F915AI-RC	91	41	4.92	156	0.18	63K4040	1.220	0.915
● 70F104AI-RC	100	25	7.68	139	0.16	63K3946	1.300	0.976
● 70F124AI-RC	120	40	8.16	135	0.16	63K3953	1.300	0.976
● 70F154AI-RC	150	47	8.16	135	0.16	63K3959	1.300	0.976
● 70F184AI-RC	180	48	8.16	135	0.17	63K3966	1.320	0.992
● 70F204AI-RC	200	47	10.3	120	0.17	63K3969	1.300	0.976
● 70F224AI-RC	220	46	11.5	114	0.17	63K3973	1.300	0.976
● 70F254AI-RC	250	49	12.1	111	0.17	63K3980	1.300	0.976
● 70F274AI-RC	270	46	13.2	106	0.17	63K3985	1.300	0.976
● 70F304AI-RC	300	46	13.2	106	0.17	63K3988	1.300	0.976
● 70F334AI-RC	330	41	13.9	103	0.17	63K3992	1.300	0.976
● 70F354AI-RC	350	46	14.4	102	0.18	63K3997	1.300	0.976
● 70F394AI-RC	390	45	15.8	97	0.18	63K4001	1.300	0.976
● 70F474AI-RC	470	35	16.3	95	0.18	63K4007	1.300	0.976
● 70F504AI-RC	500	49	18	91	0.19	63K4013	1.300	0.976
● 70F564AI-RC	560	41	19.2	88	0.19	63K4016	1.300	0.976
● 70F684AI-RC	680	37	19.8	87	0.2	63K4021	1.300	0.976

▶ 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
● 70F754AI-RC	750	40	22.9	80	0.21	63K4027	1.300	0.976
● 70F824AI-RC	820	33	22.9	80	0.21	63K4033	1.300	0.976
● 70F914AI-RC	910	32	24	79	0.22	63K4039	1.300	0.976
● 70F103AI-RC	1000	30	24	79	0.22	63K3945	1.550	1.160
● 70F123AI-RC	1200	34	33.6	66	0.22	63K3952	1.260	0.946
● 70F153AI-RC	1500	40	37.2	63	0.22	63K3958	1.550	1.160
● 70F183AI-RC	1800	40	42	59	0.23	63K3965	1.390	1.050
● 70F223AI-RC	2200	40	45.6	57	0.24	63K3972	1.550	1.160
● 70F253AI-RC	2500	48	45.6	57	0.26	63K3979	1.550	1.160
● 70F273AI-RC	2700	50	45.6	57	0.26	63K3984	1.550	1.160
● 70F333AI-RC	3300	52	51.6	53	0.26	63K3991	1.550	1.160
● 70F393AI-RC	3900	53	57.6	51	0.27	63K4000	1.550	1.160
● 70F473AI-RC	4700	49	64.8	48	0.28	63K4006	1.550	1.160
● 70F563AI-RC	5600	53	69.6	46	0.3	63K4015	1.550	1.160
● 70F683AI-RC	6800	51	78	43	0.31	63K4020	1.550	1.160
● 70F753AI-RC	7500	49	85.2	41	0.31	63K4026	1.550	1.160
● 70F823AI-RC	8200	48	92.4	40	0.33	63K4032	1.550	1.160
● 70F913AI	9100	52	98.4	39	0.33	28C9836	1.550	1.160
● 70F913AI-RC	9100	52	98.4	39	0.33	63K4038	1.550	1.160
● 70F102AI-RC	10,000	41	101	38	0.33	63K3944	2.030	1.530
● 70F122AI	12,000	46	100	50	0.3	20C0300	1.990	1.500
● 70F122AI-RC	12,000	46	100	50	0.3	63K3951	2.030	1.530
● 70F152AI-RC	15,000	50	113	47	0.3	63K3957	2.030	1.530
● 70F182AI-RC	18,000	49	128	44	0.32	63K3964	2.030	1.530
● 70F222AI-RC	22,000	50	144	41	0.33	63K3971	2.030	1.530
● 70F252AF-RC	25,000	59	115	46	0.34	63K3978	2.030	1.530
● 70F272AF-RC	27,000	61	120	45	0.35	63K3983	2.030	1.530
● 70F332AF-RC	33,000	61	134	43	0.35	63K3990	2.030	1.530
● 70F392AF-RC	39,000	59	147	41	0.37	63K3999	2.030	1.530
● 70F472AF-RC	47,000	57	168	38	0.38	63K4005	2.030	1.530
● 70F502AF-RC	50,000	57	175	37	0.4	63K4012	2.030	1.530
● 70F562AF-RC	56,000	57	189	36	0.4	63K4014	2.030	1.530
● 70F682AF-RC	68,000	57	215	34	0.41	63K4019	2.030	1.530
● 70F752AF-RC	75,000	53	222	33	0.43	63K4025	2.030	1.530
● 70F822AF-RC	82,000	50	238	32	0.43	63K4031	2.030	1.530
● 70F912AF-RC	91,000	51	250	31	0.43	63K4037	2.030	1.530
● 70F101AF-RC	100,000	48	278	29	0.44	63K3943	2.850	2.140

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

● 70F121AF-RC	120,000	46	288	48	0.48	63K3950	2.850	2.140
● 70F151AF-RC	150,000	49	328	44	0.5	63K3956	2.850	2.140
● 70F181AF-RC	180,000	51	374	41	0.52	63K3963	2.700	2.030
● 70F221AF-RC	220,000	51	424	39	0.54	63K3970	2.030	1.530
● 70F251AF-RC	250,000	52	468	37	0.55	63K3977	2.850	2.140
● 70F271AF-RC	270,000	53	490	36	0.57	63K3982	2.850	2.140
● 70F331AF-RC	330,000	54	540	34	0.58	63K3989	2.850	2.140
● 70F391AF-RC	390,000	54	617	33	0.6	63K3998	2.850	2.140
● 70F471AF-RC	470,000	55	704	30	0.61	63K4004	2.850	2.140
● 70F501AF-RC	500,000	53	736	30	0.63	63K4011	2.850	2.140

(7364)

Online today. On your desk tomorrow.

- Best products, great value.
 - No minimum order fees, no hassles.
- Visit us online today.



SEARCH



FIND



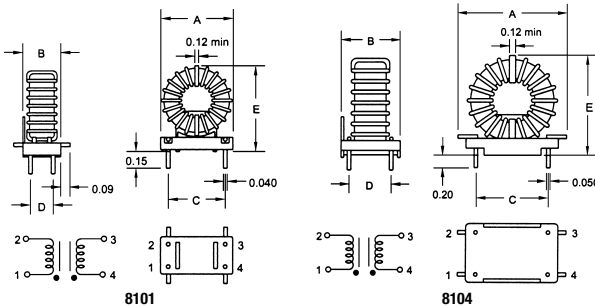
BUY

(94642)

LEADED CHOKES

8100 SERIES COMMON
MODE INDUCTORS WITH
HEADERS

J.W. Miller
MAGNETICS
A Bourns Company



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

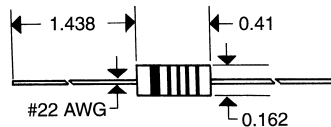
Mfg. Part No.	L _{min.} (Induct.) (mH)	DCR Max. (mΩ)	I _{DC} (A)	Dimensions (in.)					Stock No.	Price Each
				A (Max.)	B ±0.01	C ±0.015	D ±0.015	E (Max.)		
● 8101-RC	4	173	1.7	0.76	0.425	0.6	0.25	0.9	63K4068	4.010
● 8102-RC	2.5	90	2.4	0.76	0.425	0.6	0.25	0.9	63K4069	4.010
● 8103-RC	1	22	4.8	0.76	0.425	0.6	0.25	0.9	63K4070	4.010
● 8104-RC	10	170	2.4	1.2	0.6	0.8	0.4	1.2	63K4071	5.620
● 8105-RC	7	120	2.8	1.2	0.6	0.8	0.4	1.2	63K4072	5.620
● 8106-RC	5	70	3.7	1.2	0.6	0.8	0.4	1.2	63K4073	5.620
● 8107-RC	2	22	6.6	1.2	0.6	0.8	0.4	1.2	63K4074	5.620
● 8108-RC	1	10	10	1.2	0.6	0.8	0.4	1.2	63K4075	5.620
● 8109-RC	30	330	2.3	1.35	0.8	0.9	0.6	1.45	63K4076	5.620
● 8110-RC	20	210	2.9	1.35	0.8	0.9	0.6	1.45	63K4077	8.820
● 8111-RC	12	110	4	1.35	0.8	0.9	0.6	1.45	63K4078	8.820
● 8112-RC	8	55	5.6	1.35	0.8	0.9	0.6	1.45	63K4079	8.820
● 8113-RC	5	22	8.9	1.45	0.8	0.9	0.6	1.5	63K4080	8.820
● 8114-RC	2.5	11	12.5	1.45	0.8	0.9	0.6	1.5	63K4081	8.820
● 8115-RC	1.2	6	16	1.5	0.8	0.9	0.6	1.53	63K4082	8.820
● 8116-RC	50	450	2.3	1.55	0.8	0.9	0.6	1.65	63K4083	9.310
● 8117-RC	36	300	2.9	1.55	0.8	0.9	0.6	1.65	63K4085	9.310
● 8118-RC	7.3	32	9.3	1.65	0.8	0.9	0.6	1.65	63K4086	9.310
● 8119-RC	4	12	14.5	1.7	0.9	1.2	0.7	1.65	63K4087	9.310
● 8120-RC	2.4	8	17	1.7	0.9	1.2	0.7	1.65	63K4088	9.310
● 8121-RC	1	7	20	1.7	0.9	1.2	0.7	1.65	63K4089	9.310

(72705)

9250 SERIES MOLDED
SHIELDED RF CHOKES

J.W. Miller
MAGNETICS
A Bourns Company

Electromagnetic shielding limits coupling to less than ±3% when two units placed side-by-side. Power rating: 0.25W max. @ 90°C. Manufactured according to Mil-Spec 75089. **Not Mil-Spec Qualified.** Tolerance: ±10%



RoHS COMPLIANT PARTS

PHENOLIC CORE

Mfg. Part No.	Mil-Spec Reference	L (Induct.) (μH)	Q Min.	Test Freq. (MHz)	D _{CR} (Ohms) Max.	I _{DC} (mA) Max.	Stock No.	Price Each
● 9250-561-RC	75089-10	560	43	25	0.33	490	63K4158	1.800

IRON CORE

● 9250-102-RC	75089-1	1	44	25	0.07	1070	63K4145	2.020
● 9250-472-RC	75089-9	4.7	44	7.9	0.55	380	63K4155	2.020
● 9250-103-RC	75089-13	10	50	7.9	1.62	220	63K4146	2.020

FERRITE CORE

● 9250-333-RC	75089-5	33	45	2.5	1.37	240	63K4153	2.220
● 9250-104-RC	75089-11	100	50	2.5	3.12	160	63K4147	2.430
● 9250-474-RC	75089-16	470	60	0.79	9.5	92	63K4156	2.430
● 9250-105-RC	75089-23	1	60	0.79	17.5	70	63K4148	2.430
● 9250-225-RC	75089-27	2.2	45	.25	33.8	50	63K4151	2.790
● 9250-475-RC	75089-31	4.7	45	.25	81.6	31	63K4157	3.000
● 9250-106-RC	75089-35	10	40	.25	137	24	63K4149	3.000
● 9250-226-RC	75089-39	22	27	.079	274	17	63K4152	5.680

➔ CONTINUED ➔

9250 SERIES MOLDED SHIELDED RF CHOKES (CONT.)

FERRITE CORE

Mfg. Part No.	Mil-Spec Reference	L (Induct.) (μH)	Q Min.	Test Freq. (MHz)	D _{CR} (Ohms) Max.	I _{DC} (mA) Max.	Stock No.	Price Each
● 9250-336-RC	75089-41	33	27	.079	343	15	63K4154	5.680
● 9250-107-RC	75089-47	100	18	.079	678	11	63K4150	9.590

(7366)

9310 SERIES MOLDED RF
CHOKES

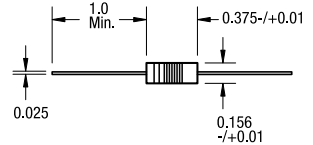
J.W. Miller
MAGNETICS
A Bourns Company

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



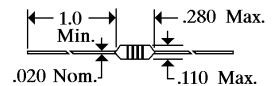
Mfg. Part No.	L (Induct.) (μH)	Q @ Freq	SRF (MHz)	DCR (mΩ)	I _{DC} (mA)	Tape Cut	
						Stock No.	Price Each
● 9310-00-RC	150	50 @ 25 MHz	525	30	2.45	63K4159	0.638
● 9310-02-RC	220	50 @ 25 MHz	450	55	1.9	63K4160	0.638
● 9310-06-RC	470	45 @ 25 MHz	310	120	1.225	63K4161	0.638
● 931012-RC	1	50 @ 25 MHz	200	290	830	63K4173	0.638
● 9310-14-RC	1.2	33 @ 7.9 MHz	180	420	650	63K4162	0.638
● 9310-16-RC	1.5	33 @ 7.9 MHz	160	500	600	63K4163	0.638
● 9310-18-RC	1.8	33 @ 7.9 MHz	150	650	525	63K4164	0.638
● 9310-20-RC	2.2	33 @ 7.9 MHz	135	950	435	63K4165	0.638
● 9310-24-RC	3.3	33 @ 7.9 MHz	110	2	300	63K4166	0.638
● 9310-28-RC	4.7	33 @ 7.9 MHz	90	2.6	260	63K4167	0.638
● 9310-32-RC	6.8	50 @ 7.9 MHz	55	500	600	63K4168	0.638
● 9310-34-RC	8.2	50 @ 7.9 MHz	50	600	545	63K4169	0.638
● 9310-36-RC	10	55 @ 7.9 MHz	45	900	445	63K4170	0.638
● 9310-40-RC	15	65 @ 2.5 MHz	40	1.4	370	63K4171	0.638
● 9310-52-RC	33	65 @ 2.5 MHz	19	3	250	63K4172	0.638

(80227)

COMFORMAL
COATED RF CHOKES

J.W. Miller
MAGNETICS
A Bourns Company

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 (Ind.) (μH)	Q Min.	D _{CR} Max. (Ω)	I _{DC} (mA)	Stock No.	Price Each		
						1-9	10-24	25-49
78FR033M	0.033	50	0.02	500	28C9933	0.305	0.244	0.183
78FR10M	0.1	40	0.06	500	52F4643	0.305	0.244	0.183
● 78FR10M-RC	0.1	40	0.06	500	63K2906	0.305	0.244	0.183
● 78FR12M-RC	0.12	40	0.06	500	63K2907	0.305	0.244	0.183
78FR15M	0.15	40	0.07	500	29C5158	0.305	0.244	0.183
● 78FR15M-RC	0.15	40	0.07	500	63K2908	0.305	0.244	0.183
● 78FR18M-RC	0.18	40	0.08	500	63K2909	0.305	0.244	0.183
78FR22K	0.22	40	0.08	1.025	52F4647	0.305	0.244	0.183
● 78FR22K-RC	0.22	40	0.08	1.025	63K2910	0.305	0.244	0.183
78FR27K	0.27	40	0.08	950	94C5292	0.305	0.244	0.183
● 78FR27K-RC	0.27	40	0.08	950	63K2911	0.305	0.244	0.183
78FR33K	0.33	40	0.08	815	52F4649	0.305	0.244	0.183
● 78FR33K-RC	0.33	40	0.08	815	63K2912	0.305	0.244	0.183
78FR39K	0.39	40	0.09	700	94C5293	0.305	0.244	0.183
● 78FR39K-RC	0.39	40	0.09	700	63K2913	0.305	0.244	0.183
78FR47K	0.47	40	0.1	650	08C3729	0.305	0.244	0.183
● 78FR47K-RC	0.47	40	0.1	650	63K2914	0.305	0.244	0.183
● 78FR56K-RC	0.56	40	0.11	545	63K2915	0.305	0.244	0.183
78FR68K	0.68	40	0.12	495	94C5295	0.305	0.244	0.183
● 78FR68K-RC	0.68	40	0.12	495	63K2916	0.305	0.244	0.183
78FR82K	0.82	40	0.12	415	94C5296	0.305	0.244	0.183
● 78FR82K-RC	0.82	40	0.12	415	63K2917	0.305	0.244	0.183
● 78F1R0K-RC	1	40	0.15	385	63K2918	0.305	0.244	0.183
78F1R2K	1.2	40	0.18	590	52F4638	0.305	0.244	0.183
● 78F1R2K-RC	1.2	40	0.18	590	63K2919	0.305	0.244	0.183

➔ CONTINUED ➔

LEADED CHOKES

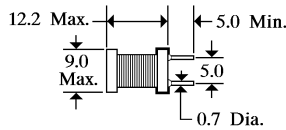
COMFORMAL COATED RF CHOKES (CONT.)

Mfg. Part No.	L (Ind.) (μ H)	Q Min.	DCR Max. (Ω)	I _{DC} (mA)	Stock No.	Price Each		
						1-9	10-24	25-49
78F2R2K	2.2	50	0.28	395	98B9289	0.305	0.244	0.183
● 78F2R2K-RC	2.2	50	0.28	395	63K2930	0.305	0.244	0.183
● 78F2R7K-RC	2.7	50	0.3	355	63K2931	0.305	0.244	0.183
● 78F3R3J-RC	3.3	50	0.34	270	63K2936	0.305	0.244	0.183
● 78F4R7J-RC	4.7	45	0.35	230	63K2943	0.305	0.244	0.183
78F5R6J	5.6	45	0.4	185	52F4628	0.305	0.244	0.183
● 78F5R6J-RC	5.6	45	0.4	185	63K2946	0.305	0.244	0.183
● 78F6R8J-RC	6.8	40	0.45	175	63K2949	0.305	0.244	0.183
78F100J	10	40	0.72	130	94C5297	0.305	0.244	0.183
78F120J	12	45	0.8	155	94C5298	0.305	0.244	0.183
● 78F120J-RC	12	45	0.8	155	63K2924	0.305	0.244	0.183
78F150J	15	50	0.88	150	52F4615	0.305	0.244	0.183
● 78F150J-RC	15	50	0.88	150	63K2926	0.305	0.244	0.183
78F180J	18	50	1	145	81C9797	0.305	0.244	0.183
● 78F180J-RC	18	50	1	145	63K2928	0.305	0.244	0.183
● 78F220J-RC	22	50	1.2	140	63K2932	0.305	0.244	0.183
● 78F270J-RC	27	50	1.35	135	63K2934	0.305	0.244	0.183
● 78F390J-RC	39	50	1.7	185	63K2941	0.305	0.244	0.183
78F470J	47	60	2.3	167	52F4620	0.305	0.244	0.183
● 78F470J-RC	47	60	2.3	167	63K2944	0.305	0.244	0.183
78F560J	56	60	2.6	150	94C5304	0.305	0.244	0.183
● 78F560J-RC	56	60	2.6	150	63K2947	0.305	0.244	0.183
● 78F680J-RC	68	60	2.9	137	63K2950	0.305	0.244	0.183
78F820J	82	60	3.2	132	94C5307	0.305	0.244	0.183
● 78F101J-RC	100	60	3.5	125	63K2922	0.305	0.244	0.183
78F121J	120	60	3.8	100	01C5488	0.305	0.244	0.183
● 78F121J-RC	120	60	3.8	100	63K2925	0.305	0.244	0.183
78F151J	150	60	4.4	90	94C5299	0.305	0.244	0.183
● 78F151J-RC	150	60	4.4	90	63K2927	0.305	0.244	0.183
● 78F221J-RC	220	60	5.7	76	63K2933	0.305	0.244	0.183
● 78F271J-RC	270	60	6.5	70	63K2935	0.305	0.244	0.183
78F331J	330	60	9.5	65	95B8308	0.305	0.244	0.183
● 78F331J-RC	330	60	9.5	65	63K2940	0.305	0.244	0.183
78F471J	470	60	11.6	53	52F4596	0.305	0.244	0.183
● 78F471J-RC	470	60	11.6	53	63K2945	0.305	0.244	0.183
78F561J	560	60	13	51	28C9935	0.305	0.244	0.183
● 78F561J-RC	560	60	13	51	63K2948	0.305	0.244	0.183
● 78F681J-RC	680	60	18	45	63K2951	0.305	0.244	0.183
78F821J	820	60	23	43	52F4599	0.305	0.244	0.183
● 78F821J-RC	820	60	23	43	63K2954	0.305	0.244	0.183
78F102J	1000	60	26	41	63K2923	0.305	0.244	0.183

(48686)

RADIAL LEAD 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.) (μ H)	Q Min.	DCR Max. (Ω)	I _{DC} Amps	Stock No.	Price Each		
						1-9	10-24	25-49
● 6000-1R0M-RC	1	20	0.013	10	63K2876	1.020	0.763	
● 6000-1R5M-RC	1.5	20	0.016	8.5	63K2877	1.020	0.763	
● 6000-2R2M-RC	2.2	20	0.021	6.5	63K2886	1.020	0.763	
● 6000-3R3M-RC	3.3	20	0.025	5.5	63K2891	1.020	0.763	
● 6000-4R7M-RC	4.7	20	0.03	4.6	63K2896	1.020	0.763	
● 6000-6R8M-RC	6.8	20	0.035	4.1	63K2900	1.020	0.763	

±10% TOLERANCE

Mfg. Part No.	L (Induct.) (μ H)	Q Min.	DCR Max. (Ω)	I _{DC} Amps	Stock No.	Price Each		
						1-9	10-24	25-49
● 6000-120K-RC	12	50	0.05	3.1	63K2881	1.020	0.763	
● 6000-150K-RC	15	50	0.056	2.9	63K2882	1.020	0.763	
● 6000-180K-RC	18	40	0.061	2.66	63K2884	1.020	0.763	
● 6000-220K-RC	22	40	0.07	2.4	63K2887	1.020	0.763	
● 6000-270K-RC	27	40	0.08	2.22	63K2889	1.020	0.763	
● 6000-330K-RC	33	30	0.09	2.05	63K2892	1.020	0.763	
● 6000-390K-RC	39	30	0.1	1.85	63K2894	1.020	0.763	
● 6000-470K-RC	47	30	0.16	1.77	63K2897	1.020	0.763	
● 6000-560K-RC	56	30	0.18	1.48	60K7212	1.020	0.763	
● 6000-680K-RC	68	30	0.21	1.36	63K2901	1.020	0.763	

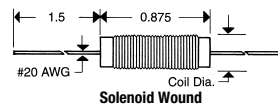
▶ CONTINUED ▶

RADIAL LEAD HI-CURRENT RF CHOKES (CONT.)

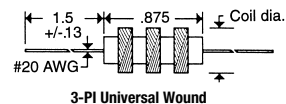
±10% TOLERANCE

Mfg. Part No.	L (Induct.) (μ H)	Q Min.	DCR Max. (Ω)	I _{DC} Amps	Stock No.	Price Each		
						1-9	10-24	25-49
● 6000/820K-RC	82	30	0.23	1.3	63K2904	1.020	0.763	
● 6000-101K-RC	100	20	0.28	1.4	63K2879	1.020	0.763	
● 6000-151K-RC	150	20	0.37	1.15	63K2883	1.020	0.763	
● 6000-181K-RC	180	20	0.58	1.08	63K2885	1.020	0.763	
● 6000-221K-RC	220	20	0.65	1	63K2888	1.020	0.763	
● 6000-271K-RC	270	20	0.75	0.9	63K2890	1.020	0.763	
● 6000-331K-RC	330	20	0.85	0.78	63K2893	1.020	0.763	
● 6000-391K-RC	390	20	1	0.74	63K2895	1.020	0.763	
● 6000-471K-RC	470	20	1.1	0.68	63K2898	1.020	0.763	
● 6000-561K-RC	560	20	1.4	0.64	63K2899	1.020	0.763	
● 6000-681K-RC	680	20	1.6	0.59	63K2902	1.020	0.763	
● 6000-821K-RC	820	20	1.8	0.56	63K2903	1.020	0.763	
● 6000-102K-RC	1000	50	2.9	0.51	63K2880	1.020	0.763	

(48677)

RF CHOKES WITH
AXIAL LEADS

Solenoid Wound



3-PI Universal Wound

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

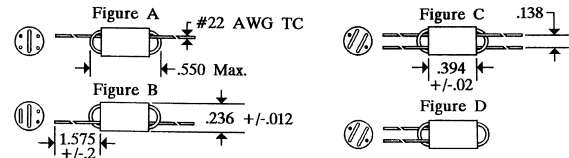
Mfg. Part No.	L (Induct.) (μ H)	Resistance Max. (Ω)	Rated Current (mA)	Coil Dia. Max.	Stock No.	Price Each		
						1-99	100-249	250-499
● 4612-RC	10	1.5	500	0.27"	63K3764	1.360	1.010	
● 4622-RC	10	0.11	1500	0.29"	63K3765	1.360	1.010	
● 4624-RC	15	0.17	1000	0.29"	63K3766	1.360	1.010	
● 4626-RC	24	0.34	800	0.29"	63K3767	1.360	1.010	
● 4629-RC	55	1.0	500	0.29"	63K3768	1.360	1.010	
● 4632-RC	100	3.0	400	0.29"	63K3769	1.360	1.010	
● 4651-RC	1	19	160	0.56"	63K3770	3.630	2.690	
● 4672-RC	10000	50	100	0.59"	63K3771	3.630	2.690	

FERRITE CORE 3-PI UNIVERSAL WOUND

Mfg. Part No.	L (Induct.) (μ H)	Resistance Max. (Ω)	Rated Current (mA)	Coil Dia. Max.	Stock No.	Price Each		
						1-99	100-249	250-499
● 6302-RC	2500	9	160	0.47"	63K3908	3.210	2.380	
● 6304-RC	5000	14	160	0.53"	63K3909	3.210	2.380	
● 6306-RC	10000	31	100	0.53"	63K3910	3.210	2.380	
● 6308-RC	25000	82	65	0.53"	63K3911	3.210	2.380	
● 6310-RC	50000	127	65	0.53"	63K3912	3.210	2.380	

(7363)

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	225 Ω	400 Ω	63K2777	0.913	0.852	0.810	0.721
● FB20019-4B-RC	A	1½	175 Ω	500 Ω	63K2780	0.913	0.852	0.810	0.721
● FB20010-3B-RC	B	2½	460 Ω	785 Ω	63K2778	0.913	0.852	0.810	0.721
● FB20020-4B-RC	B	2½	30 Ω	410 Ω	63K2781	0.913	0.852	0.810	0.721
● FB20011-3B-RC	C	2 x 1½	215 Ω	415 Ω	63K2779	0.913	0.852	0.810	0.721
● FB20021-4B-RC	C	2 x 1½	175 Ω	485 Ω	63K2782	0.913	0.852	0.810	0.721
● FB20022-4B-RC	D	3	430 Ω	900 Ω	63K2783	0.913	0.852	0.810	0.721

(48770)

LEADED CHOKES • FERRITE BEAD INDUCTORS – SMD

Z SERIES RF PLATE CHOKES



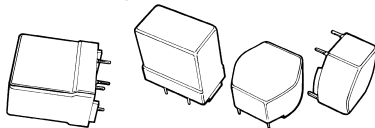
OHMITE®

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	
● Z7E	84	1	4.7	3 - 20	13	64K7834	21.060	15.800
● Z14E	44	0.68	2.6	7 - 35	23	64K7824	10.980	8.240

(87531)

RN SERIES COMMON MODE CHOKES

SCHAFNER
safety for electronic systems

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		
● RN102-1/02	1	3	1400	0.2	37K6102	2.020	1.770	1.410
● RN102-2/02	2	1.1	2400	0.07	37K6103	2.020	1.770	1.410
● RN112-1.5/02	1.5	4.3	800	0.15	37K6104	1.960	1.720	1.370
● RN112-4/02	4	0.7	3000	0.03	37K6105	2.020	1.770	1.410
● RN114-2/02	2	4.2	1300	0.12	97F8188	2.330	2.040	1.620
● RN114-4/02	4	1.5	2300	0.02	37K6107	2.610	2.280	1.820
● RN202-1.5/02	1.5	1.6	1900	0.1	91F4430	2.020	1.770	1.410
● RN214-2/02	2	4.2	1300	0.12	37K6117	2.330	2.040	1.620
● RN222-1/02	1	18	200	0.7	97F8196	2.610	2.280	1.820

(7469)

MULTILAYER SURFACE MOUNT FERRITE CHIP BEADS



Fair-Rite Products Corp.

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
● 2506033007Y3	0603	30	3	20J6615	0.020
● 2506031017Y0	0603	100	0.2	72K6763	0.066
● 2506033017Y0	0603	300	0.1	72K6764	0.066
● 2506031027Y0	0603	1k	0.1	07H4201	0.071
● 2508051107Y0	0805	11	0.3	82H1620	0.081
● 2508056007Y0	0805	60	0.3	82H9947	0.069
● 2508051817Y0	0805	180	0.3	09J8730	0.020
● 2508053017Y0	0805	300	0.3	83F7369	0.071
● 2508056017Y2	0805	600	2	01J2846	0.024
● 2508051527Y0	0805	1.5k	0.1	24C2336	0.093
● 2512063007Y3	1206	30	3	50B9866	0.093
● 2512065007Y3	1206	50	3	95C0793	0.093
● 2512065007Y6	1206	50	6	72C8321	0.116
● 2512061217Y0	1206	120	0.3	32C8661	0.093
● 2512061217Y5	1206	120	5	97H6813	0.033
● 2512066017Y0	1206	600	0.2	72K6765	0.116
● 2512061528Y0	1206	1.5k	0.1	65H6757	0.151
● 2518065007Y6	1806	50	6	83F7367	0.230
● 2518066007Y3	1806	60	3	02H4929	0.230

(31685)

Talk to our team of engineers.

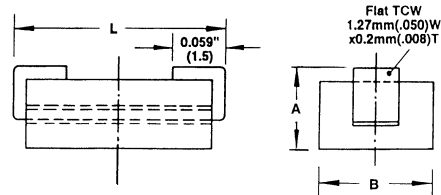
Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

SURFACE MOUNT EMI SHIELD BEADS



Fair-Rite Products Corp.



Solid flat copper conductor with 100% tin coating reduces DC resistance and increases current-carrying capacity compared to plated beads. Dim. A = 0.112" (2.9); dim. B = 0.120" (3.1), Mfg. part no. **2744051447** A = 0.177 (4.5); dim. B = 0.262" (6.65), Mfg. part no. **2744555577** A = 0.197 (5.0); dim. B = 0.197" (5.0).

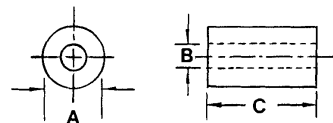
Mfg. Part No.	Z (Ω) @ 100MHz	Length (in.)	Pkg. of	Stock No.	Price per Pkg.
● 2744041446	33	0.185	1	96H5794	0.377
● 2744041447	33	0.185	1	57J1201	0.163
● 2744044447	36	0.222	1	25H8340	0.190
● 2743019447	47	0.184	1	26C2847	0.173
● 2743019447	47	0.184	500*	72K6792	61.000
● 2743019447H	47	0.184	25*	72K6794	4.350
● 2743021447	95	0.359	1	24C0338	0.196
● 2743021447	95	0.359	500*	72K6795	72.160
● 2743021447-TR	95	0.359	2800**	95F798	283.380
● 2743021447H	95	0.359	25*	72K6796	5.180
● 2744045447	60	0.335	1	73C7704	0.487
● 2744051446	230	0.472	1	83H4635	0.594
● 2744051447	230	0.472	1	11C1594	0.646
● 2744555576	600	0.433	1	84C8777	0.579

* Price for full pkg. quantity. ** Spool price (7344)

EMI SHIELD BEADS



Fair-Rite Products Corp.



Attenuates unwanted high frequency signals. Nickel-zinc "Type 43" material is medium permeability for suppression of signals between 25–200MHz. Last digit "1" in mfg. part no. = unburnished; last digit "2" = burnishing to break sharp edges. Suffix B in mfg. part no. number indicates package of 2.

Mfg. Part No.	Z (Ω) @ 100MHz	Dimensions			Pkg. of	Stock No.	Price per Pkg.
● 2673002402	20	0.380	0.197	0.190	1	01C5335	0.161
● 2643001501	35	3.500	1.600	3.250	1	72K6772	0.046
● 2643000101/F1	40	3.500	1.300	3.250	1000*	72K6766	20.400
● 2643002402C	43	9.650	5.000	5.050	10*	72K6774	2.380
● 2643002402/E1	43	9.650	5.000	5.050	500*	72K6773	92.200
● 2643801002B	45	1.142	0.748	0.295	2*	72K6780	1.500
● 2673000801	52†	7.500	2.250	7.550	1	50B3454	0.166
● 2661022401	56	0.200	0.062	0.250	1	02H6043	0.114
● 2643000301C	60	3.500	1.300	6.000	10*	72K6769	2.150
● 2643000301/F1	60	3.500	1.300	6.000	1000*	72K6768	36.000
● 2673000301C	62†	3.500	1.300	6.000	10*	95B3764	2.130
● 2643802702B	80	1.400	0.900	0.500	2*	72K6781	2.660
● 2643003201	88	0.210	0.105	0.500	1	02H0189	0.131
● 2643000801	92	7.500	2.250	7.550	800*	05H9586	73.600
● 2643000801	92	7.500	2.250	7.550	1	73K4052	0.131
● 2643000801C	92	7.500	2.250	7.550	10*	72K6771	2.430
● 2643804502B	100	1.225	0.750	0.627	2*	73K6080	2.490
● 2643250402	102	0.250	0.125	0.500	1	14C3716	0.180
● 2643375002	115	9.500	4.500	14.50	1	93B4922	0.296
● 2661021801	119	0.200	0.062	0.437	1	90B6388	0.175
● 2643000701	125	0.138	0.051	0.500	1	39C9179	0.080
● 2643021801	131	5.100	1.450	11.10	1	94C2934	0.114
● 2643665702B	200	0.687	0.375	1.125	2*	72K6778	2.870
● 2643102002B	235	1.020	0.505	1.125	2*	91F6482	2.510

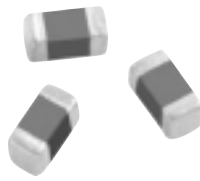
†Resistance @ 25MHz. * Price for full pkg. quantity. (7342)

FERRITE BEAD INDUCTORS – SMD

ILBB SERIES MULTILAYER FERRITE BEAD INDUCTORS



ILBB series ferrite bead inductors are used to clean up spikes which cause noise on digital and analog keyboards. Tolerance: $\pm 25\%$. Temperature range: -55°C to $+125^{\circ}\text{C}$. Thermal shock: 50 cycles, -55°C to $+125^{\circ}\text{C}$. Humidity: 90% RH @ -40°C with 200mA DC current, 500 hrs. Load life: $+90^{\circ}\text{C}$ @ full rated current for 2000 hrs. Solderability: 95% coverage after 5 second dip in $+230^{\circ}\text{C}$ solder following a 60-second pre-heat @ $+120^{\circ}\text{C}$ and unactivated flux dip. Resistance to solder heat: 10 seconds in $+260^{\circ}\text{C}$ solder after pre-heat and flux dip. EIA size is indicated in the type number.



Mfg. Part No.	Z (Ω)	DCR Max. (Ω)	Rated DC Current (mA)	Stock No.	Price Each
					1-9
ILBB0402ER200V	20	0.13	300	53K5019	0.192
ILBB0402ER300V	30	0.2	300	53K5021	0.192
ILBB0402ER400V	40	0.2	300	53K5023	0.192
ILBB0402ER600V	60	0.3	300	53K5024	0.192
ILBB0402ER700V	70	0.3	300	53K5026	0.192
ILBB0402ER121V	120	0.45	300	53K5018	0.192
ILBB0402ER241V	240	0.7	200	53K5020	0.192
ILBB0402ER301V	300	0.8	200	53K5022	0.192
ILBB0402ER601V	600	1	200	53K5025	0.192
ILBB0603ER100V	10	0.05	500	53K5027	0.116
ILBB0603ER300V	30	0.09	500	53K5034	0.116
ILBB0603ER400V	40	0.1	400	53K5036	0.116
ILBB0603ER600V	60	0.1	400	53K5039	0.116
ILBB0603ER680V	68	0.1	200	53K5040	0.116
ILBB0603ER800V	80	0.2	150	53K5042	0.116
ILBB0603ER121V	120	0.2	150	53K5029	0.116
ILBB0603ER151V	150	0.3	150	53K5030	0.116
ILBB0603ER181V	180	0.3	150	65K1670	0.116
ILBB0603ER221V	220	0.3	150	53K5033	0.116
ILBB0603ER301V	300	0.35	150	53K5035	0.116
ILBB0603ER451V	450	0.4	100	53K5038	0.116
ILBB-0603 600 25% ER	600	0.3	150	21K5541	0.116
ILBB0603ER751V	750	0.6	100	53K5041	0.144
ILBB0603ER102V	1000	0.6	100	53K5028	0.144
ILBB0603ER152V	1500	0.7	50	53K5031	0.173
ILBB0603ER202V	2000	0.8	50	53K5032	0.173
ILBB0805ER110V	11	0.06	600	53K5044	0.144
ILBB0805ER170V	17	0.06	600	53K5048	0.144
ILBB0805ER320V	32	0.06	600	53K5051	0.144
ILBB0805ER600V	60	0.15	300	53K5053	0.144
ILBB0805ER900V	90	0.15	300	53K5055	0.144
ILBB0805ER121V	120	0.15	300	53K5045	0.144
ILBB0805ER151V	150	0.15	300	53K5046	0.144
ILBB0805ER301V	300	0.20	200	53K5050	0.144
ILBB0805ER400V	400	0.30	200	53K5052	0.144
ILBB0805ER601V	600	0.30	200	53K5054	0.144
ILBB0805ER102V	1000	0.35	100	53K5043	0.173
ILBB0805ER152V	1500	0.40	100	53K5047	0.173
ILBB0805ER202V	2000	0.50	80	53K5049	0.212
ILB1206ER190V	19	0.05	500	53K5058	0.281
ILB1206ER260V	26	0.05	500	53K5059	0.281
ILB1206ER310V	31	0.05	500	53K5061	0.281
ILB1206ER500V	50	0.10	600	53K5062	0.281
ILB1206ER700V	70	0.10	600	53K5065	0.281
ILB1206ER121V	120	0.20	400	53K5056	0.281
ILB1206ER151V	150	0.20	300	53K5057	0.240
ILB1206ER301V	300	0.30	300	53K5060	0.281
ILB1206ER501V	500	0.50	200	53K5063	0.281
ILB1206ER601V	600	0.50	200	53K5064	0.281

(7389)

Download
RoHS
Certificates
of Compliance.

Find Certificates of Compliance in the *Tech Info* column on our search results pages. Visit us online today.

(94660)

FC FBM SERIES M TYPE RECTANGULAR FERRITE CHIP BEADS



TAIYO YUDEN

Features:

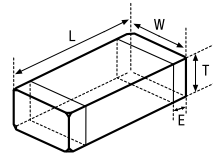
- Large withstand voltage (allowable current up to 6A)
- Resistance to high energy
- High reliability

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 $\pm$ 0.2mm, W=0.8 $\pm$ 0.2mm, E=0.3 $\pm$ 0.2mm)

Mfg. Part No.	Z (Ω)	Material Code	Tape Cut		Tape & Reel		
			Stock No.	Price Each	Stock No.	Reel Qty.	Price Each
FBMJ1608HS280NT	28 $\pm$ 30%	HS	86H5343	0.088	83H9659	4000	0.048
FBMH1608HL300-T	30 $\pm$ 25%	HL	86H5318	0.063	83H9634	4000	0.035
FBMJ1608HM470-T	47 $\pm$ 25%	HM	86H5325	0.063	83H9641	4000	0.035
FBMH1608HL600-T	60 $\pm$ 25%	HL	86H5319	0.063	83H9635	4000	0.035
FBMJ1608HM600-T	60 $\pm$ 25%	HM	86H5327	0.063	83H9643	4000	0.035
FBMH1608HM101-T	100 $\pm$ 25%	HM	86H5320	0.063	83H9636	4000	0.035
FBMH1608HL121-T	120 $\pm$ 25%	HL	86H5317	0.063	83H9633	4000	0.035
FBMH1608HM151-T	150 $\pm$ 25%	HM	86H5322	0.063	83H9638	4000	0.035
FBMJ1608HL221-T	220 $\pm$ 25%	HL	18J0711	0.063	22J1180	4000	0.035
FBMJ1608HM221-T	220 $\pm$ 25%	HM	86H5323	0.063	83H9639	4000	0.035
FBMJ1608HL331-T	330 $\pm$ 25%	HL	18J0712	0.063	22J1181	4000	0.035
FBMH1608HM331-T	330 $\pm$ 25%	HM	86H5324	0.063	83H9640	4000	0.035
FBMJ1608HL471-T	470 $\pm$ 25%	HL	18J0713	0.063	22J1182	4000	0.035
FBMH1608HM471-T	470 $\pm$ 25%	HM	86H5326	0.063	83H9642	4000	0.035
FBMJ1608HM601-T	600 $\pm$ 25%	HM	86H5328	0.063	83H9644	4000	0.035
FBMH1608HM102-T	1000 $\pm$ 25%	HM	86H5321	0.063	83H9637	4000	0.035

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

FBMJ2125HL80NT	8 $\pm$ 30%	HL	86H5344	0.071	83H9660	4000	0.039
FBMJ2125HM210NT	21 $\pm$ 30%	HM	86H5345	0.071	83H9661	4000	0.039
FBMJ2125HS250NT	25 $\pm$ 30%	HS	86H5347	0.071	83H9663	4000	0.039
FBMJ2125HM330-T	33 $\pm$ 25%	HM	86H5346	0.071	83H9662	4000	0.039
FBMJ2125HS420-T	42 $\pm$ 25%	HS	86H5348	0.071	83H9664	4000	0.039
FBMH2012HM800-T	80 $\pm$ 25%	HM	86H5332	0.088	83H9648	4000	0.048
FBMH2012HM121-T	120 $\pm$ 25%	HM	86H5329	0.088	83H9645	4000	0.048
FBMH2012HM221-T	220 $\pm$ 25%	HM	86H5330	0.088	83H9646	4000	0.048
FBMH2012HM331-T	330 $\pm$ 25%	HM	86H5331	0.088	83H9647	4000	0.048

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

FBMH2016HM251NT	250 $\pm$ 30%	HM	86H5333	0.114	83H9649	2000	0.062
-----------------	---------------	----	---------	-------	---------	------	-------

1206 CASE SIZE (L=3.2 $\pm$ 0.3mm, W=1.6 $\pm$ 0.2mm, E=0.5 $\pm$ 0.3mm)

FBMJ3216HL160NT	16 $\pm$ 30%	HL	86H5349	0.085	83H9665	2000	0.047
FBMJ3216HM380NT	38 $\pm$ 30%	HM	86H5350	0.085	83H9666	2000	0.047
FBMJ3216HS480NT	48 $\pm$ 30%	HS	86H5352	0.085	83H9668	2000	0.047
FBMJ3216HM600-T	60 $\pm$ 30%	HM	86H5351	0.085	83H9667	2000	0.047
FBMJ3216HS800-T	80 $\pm$ 30%	HS	86H5353	0.085	83H9669	2000	0.047
FBMH3216HM501NT	500 $\pm$ 30%	HM	86H5334	0.170	83H9650	2000	0.093

1210 CASE SIZE (L=3.2 $\pm$ 0.3mm, W=2.5 $\pm$ 0.3mm, E=0.5 $\pm$ 0.3mm)

FBMH3225HM601NT	600 $\pm$ 30%	HM	86H5336	0.269	83H9652	1000	0.148
FBMH3225HM102NT	1000 $\pm$ 30%	HM	86H5335	0.346	83H9651	1000	0.148

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

FBMJ4516HL230NT	23 $\pm$ 30%	HL	86H5354	0.119	83H9670	2000	0.066
FBMJ4516HM560NT	56 $\pm$ 30%	HM	86H5355	0.119	83H9671	2000	0.066
FBMJ4516HS720NT	72 $\pm$ 30%	HS	86H5358	0.119	83H9674	2000	0.066
FBMJ4516HM900-T	90 $\pm$ 25%	HM	86H5356	0.119	83H9672	2000	0.066
FBMJ4516HS111-T	110 $\pm$ 25%	HS	86H5357	0.119	83H9673	2000	0.066
FBMH4516HM851NT	850 $\pm$ 30%	HM	86H5337	0.340	83H9653	2000	0.186

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

FBMH4525HM102NT	1000 $\pm$ 30%	HM	86H5338	0.482	83H9654	1000	0.264
FBMH4525HM162NT	1600 $\pm$ 30%	HM	86H5339	0.482	83H9655	1000	0.264

➤ CONTINUED ➤

FERRITE BEAD INDUCTORS – SMD • FERRITE BEAD INDUCTORS – LEADED

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

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

Mfg. Part No.	Z (Ω)	Material Code	Tape Cut		Tape & Reel		
			Stock No.	Price Each 1-99	Stock No.	Reel Qty.	Price Each
● FBMJ1608HM230NT	23 ± 30%	HM	86H5342	0.088	83H9658	4000	0.048
● FBMH4532HM681-T	680 ± 25%	HM	86H5341	0.388	83H9657	2000	0.213
● FBMH4532HM132-T	1300 ± 25%	HM	86H5340	0.388	83H9656	2000	0.213

(77720)

BK AND BKP SERIES MULTILAYER FERRITE BEADS



TAIYO YUDEN

Features:

- Internal silver printed layer creates a closed circuit which acts as a magnetic shield minimizing heat generation and crosstalk
- No need for grounding provides greater circuit design flexibility
- Several material types and a broad range of impedance values provide noise countermeasures for various applications

Material Codes:

- HS: Suppresses the X_L component and helps stop the reduction of the wave-form.
- HM: Applicable for radiated noise in the 100MHz–300MHz range and increases the Z characteristics above the 20MHz. Especially effective on video signal lines.
- LL: Designed as a countermeasure for the 200–500MHz range where the rise of the Z component is in high frequency.
- LM: Intended for noise suppression around 200MHz and effectively increases attenuation.
- HW: Suppresses the X_L component and stops the reduction of the wave-form while maintaining attenuation in high frequency.
- TS: Reduced DC resistance version for noise countermeasures around LSI power supplies.

Applications:

- High-frequency noise countermeasure in personal computers, digital cameras and other information system products. For use on digital product clock lines and general signal lines.
- Radiated noise suppression in computer or printer interfaces and harness connectors
- Noise suppression in video and other AV products
- Prevents interference between circuits in cellular phones (PHS, PDC, etc.)
- Due to the closed internal circuit which acts as a magnetic shield, the TS material is extremely effective as a noise filter on LSI power supply lines where downsizing of components is needed

0402 CASE SIZE (L=1.0±0.05mm, W=0.5±0.05mm, T=0.5±0.05mm, E=0.25±0.10mm)

Mfg. Part No.	Z (Ω)	Material Code	Tape Cut		Tape & Reel		
			Stock No.	Price Each 1-99	Stock No.	Reel Qty.	Price Each
● BK1005HS100-T	10	HS	86H5364	0.039	83H9680	10000	0.021
● BKP1005HS121-T	120	HS	30K5377	0.049	18J0742	10000	0.026
● BK1005HW601-T	600	HW	86H5373	0.039	83H9689	10000	0.021
● BK1005HM102-T	1000	HM	86H5359	0.039	83H9675	10000	0.021

0603 CASE SIZE (L=1.6±0.15mm, W=0.8±0.15mm, T=0.8±0.15mm, E=0.3±0.2mm)

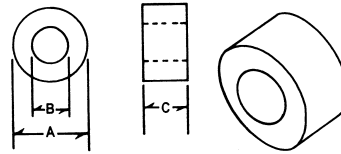
● BKP1608HS330-T	33	HS	30K5385	0.036	30K5386	4000	0.019
● BK1608HS600-T	60	HS	86H5394	0.036	83H9710	4000	0.019
● BKP1608HS600-T	60	HS	30K5389	0.036	30K5390	4000	0.019
● BKP1608HS101-T	100	HS	30K5378	0.036	30K5379	4000	0.019
● BKP1608HS181-T	180	HS	30K5380	0.036	30K5382	4000	0.019
● BKP1608HS271-T	270	HS	30K5383	0.036	30K5384	4000	0.019
● BKP1608HS391-T	390	HS	30K5387	0.036	30K5388	4000	0.019
● BK1608HM601-T	600	HM	86H5387	0.036	83H9703	4000	0.019
● BK1608HS601-T	600	HS	86H5395	0.036	83H9711	4000	0.019
● BK1608HW601-T	600	HW	86H5400	0.036	83H9716	4000	0.021
● BK1608HM102-T	1000	HM	86H5383	0.036	83H9699	4000	0.019
● BK1608TS102-T	1000	TS	86H5416	0.036	83H9732	4000	0.019

0805 CASE SIZE (L=2.0±0.1mm, W=1.25±0.2mm, T=0.85±0.2mm, E=0.5±0.3mm)

● BK2125HS150-T	15	HS	86H5427	0.049	83H9743	4000	0.026
● BKP2125HS330-T	33	HS	30K5393	0.049	18J0745	4000	0.026
● BKP2125HS600-T	60	HS	30K5394	0.049	18J0747	4000	0.026
● BK2125HS101-T	100	HS	86H5424	0.049	83H9740	4000	0.026
● BKP2125HS101-T	100	HS	30K5391	0.049	18J0743	4000	0.026
● BKP2125HS221-T	220	HS	30K5392	0.049	18J0744	4000	0.026
● BK2125LM182-T	1800	LM	86H5439	0.049	83H9755	2000	0.026
● BK2125LM252-T	2500	LM	86H5440	0.058	83H9756	2000	0.026

(77722)

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	Dimensions (mm)			Stock No.	Price Each		
		@100MHz	A	B		1-49	50-99	100-249
● SPC5305	218Ω	14.20	6.35	28.50	50N671	0.605	0.512	0.466
● SPC5306	178Ω	17.50	9.50	28.50	50N672	0.700	0.592	0.539

(35537)

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	100-249
● 2944770301	219†	338	5	1	83H1631	0.593	
● 2944778301	219†	338	4	1	72K6801	0.536	
● 2961666681	315	470	1½	1	50B3459	0.473	
● 2944666661	400	470	1½	200*	72K6797	42.440	
● 2961666671	690	845	2½	1	31C9624	0.324	
● 2961666631	815	780	3	1	34C4640	0.342	
● 2944666671C	850	725	2½	10*	72K6799	3.720	
● 2944666671G	850	725	2½	200*	91B9393	28.280	
● 2944666631/G1	1000	690	3	200*	96B0027	41.360	
● 2944777741	1250	500	4½	1	26H3285	0.640	

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

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	100-249
● 2743001111	68	0.175"	1	97B0025	0.075	
● 2743001112	68	0.175"	500*	72K6786	42.000	
● 2743001112H	68	0.175"	25*	72K6787	2.550	
● 2743015112	82	0.206"	1	25C6146	0.080	
● 2743003112	100	0.263"	500*	72K6789	42.000	
● 2743003112	100	0.263"	4500*	74K4402	307.300	
● 2743004111	110	0.300"	1	23C2196	0.090	
● 2743004112	110	0.300"	1	96B9378	0.089	
● 2743002111	133	0.350"	1	72K6788	0.093	
● 2743002112	133	0.350"	500*	95F781	42.000	
● 2743007112	150	0.374"	1	90B2439	0.111	
● 2743008 112	180	0.450"	1	85C0252	0.115	
● 2743009111	220	0.545"	1	05C0408	0.139	
● 2743009112H	220	0.545"	25*	72K6791	3.310	
● 2743014221	391	0.650"	1	93B0283	0.513	

*Price for full pkg. quantity.

(7343)

Go online
for 200,000+
datasheets.

Click on this symbol
in your search results.
Visit us online today.



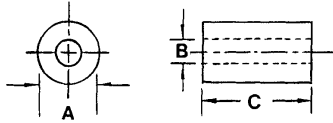
(94656)

FERRITE CABLE CORES / SLEEVES

EMI SUPPRESSION CORES



Fair-Rite Products Corp.



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		1-9	10-49
● 2643801502	53	1.000	0.500	0.250	97H4189	0.661	
● 2643800502	82	0.825	0.520	0.468	72K6779	0.601	
● 2643806402	90	1.000	0.610	0.500	94B8935	0.953	
● 2643804502	100	1.225	0.750	0.627	72K6784	1.320	
● 2643803802	108	2.400	1.400	0.500	72K6782*	397.000	
● 2643480102	121	0.485	0.200	0.500	40C1396	0.373	
● 2631540202	140	0.562	0.250	0.530	32H7194	0.631	
● 2643102402	183	1.020	0.505	0.840	72K6776	1.440	
● 2631665702	225	0.687	0.375	1.125	74C0278	0.936	
● 2643101902	230	1.122	0.543	1.125	72K6775	2.330	
● 2643540002	250	0.562	0.250	1.125	88F5751	0.807	
● 2631102002	260	1.020	0.505	1.125	85C4595	1.890	
● 2631625102	260	0.625	0.312	1.125	79K4486	0.892	
● 2631101902	270	1.122	0.543	1.125	29H4106	2.200	
● 2631480002	295	0.485	0.200	1.000	75C9539	0.616	
● 2643626202	336	2.000	1.000	2.000	34C2988	12.920	
● 2643626502	348	1.000	0.500	0.250	22C5039	1.780	
● 2643626002	360	2.000	1.000	2.000	50B3451	17.630	
● 2643625202	384	0.625	0.312	2.000	81C9718	1.430	

*Sold in pkg. of 100
(79452)

EMI SUPPRESSION CORES WITH CASES



Fair-Rite Products Corp.

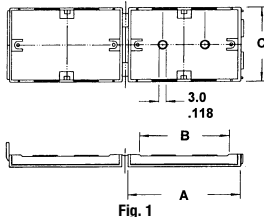


Fig. 1

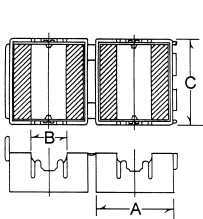


Fig. 2

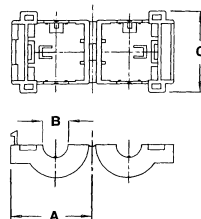


Fig. 3

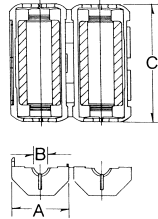


Fig. 4

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	4.820	4.440
● 0443166651B	1	290	1.950	1.350	1.270	91F6474	8.380	7.710
● 0443163951B	1	290	2.670	2.050	1.270	72K6746	11.050	10.170
● 0443164051B	1	290	3.180	2.570	1.270	72K6747	25.200	23.190

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
● 0443164251B	2	275	0.705	0.200	1.272	91F6476	4.450	4.100
● 0443167251	2	225	0.870	0.400	1.272	72K6749	2.040	1.880
● 0444167281	4	210	0.933	0.400	1.550	93B1123	2.030	1.860
● 0444173551	2	94	1.150	0.740	1.650	73K2458	3.030	2.790
● 0444176451	4	175	1.520	0.722	1.870	78K6137	7.000	6.440
● 0443625006B	3	113	0.972	0.300	0.898	72K6751	4.830	4.440
● 0443665806B	3	88	1.035	0.375	0.843	91F6479	2.950	2.720
● 0443665806	3	88	1.035	0.362	0.843	81C7667	1.500	1.380
● 0443625006	3	113	0.972	0.311	0.898	98B2768	1.010	0.926

▶ CONTINUED ▶

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
● 0443806406B	3	90	1.350	0.600	0.835	91F6481	5.200	4.790
● 0443806406	3	90	1.350	0.591	0.835	61H8872	1.560	1.440
● 0444164951	4	245	0.680	0.200	1.424	16F002	1.420	1.300
● 0444164951B	4	245	0.680	0.200	1.420	72K6753	3.000	2.760
● 0444177081	4	338	2.220	1.000	1.690	72K6754	14.460	13.310

(7341)

ROUND CABLE SNAP-ITS



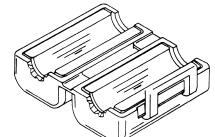
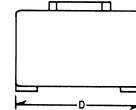
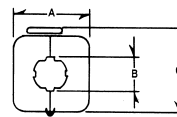
Fair-Rite Products Corp.

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 @ 100MHz	Stock No.	Price Each	
				1-9	10-49
● 0431164951	0.210"	280	90B5610	1.780	1.540
● 0431164281	0.275"	310	73K6078	2.260	1.950
● 0431167281	0.410"	240	72K6744	2.760	2.380
● 0431173551	0.750"	220	96B5352	4.930	4.260
● 0431173951	0.210"	180	90B5618	1.460	1.260
● 0431176451	0.736"	380	03H8829	8.480	7.310
● 0431177081	1.020"	375	54H0362	15.170	13.090

(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		Cable Diameter (mm)	
	A	B	C	D	25MHz	100MHz	From	To
● SPC5302	19.80	6.50	19.20	32.70	133Ω	308Ω	5.5	6.5
● SPC5300	30.50	13.05	30.30	32.70	137Ω	268Ω	12.0	13.0

(35253)

Best products, great value.



NO MINIMUMS

We offer the broadest in-stock selection PLUS access to millions more products online. Visit us online or call us today.

(94553)

FERRITE CABLE CORES / SLEEVES

SPLIT SLEEVE SNAP FERRITES FOR ROUND CABLES UP TO 1GHz



FerriShield, INC.
Interference Control Components

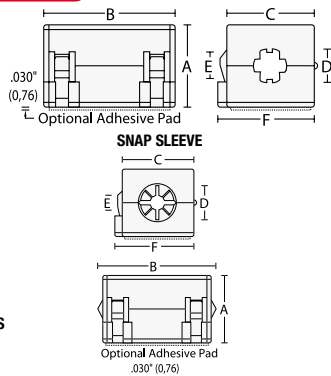
Just Added



SNAP SLEEVE



VARIABLE DIAMETER END PORTS



Perfect for USB and RFID Applications

SNAP SLEEVE

VARIABLE DIAMETER END PORTS

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	0.35	0.29	0.885	200	02M1866	10.660
● SS28B2036	1.55	1.25	1.125	0.415	0.35	1.23	230	02M1872	16.660
● SS28B2041	0.965	1.285	0.93	0.45	0.38	1.035	238	02M1875	14.060
● SS28B2040	1.155	1.25	1.125	0.55	0.48	1.23	230	02M1874	16.660

VARIABLE DIAMETER END PORTS

● SS28B2034	0.585	1.25	0.585	0.25	0.12	0.68	220	02M1867	9.640
● SS28B2037	0.79	1.45	0.77	0.35	0.2	0.885	200	02M1873	11.100
● SS28B2042	0.965	1.48	0.93	0.425	0.17	1.035	238	02M1876	13.430
● SS28B2032	1.155	1.45	1.125	0.5	0.2	1.23	230	02M1865	17.280
● SS28B2044	1.7	1.8	1.8	0.79	0.2	1.83	260	02M1878	33.040

VARIABLE DIAMETER END PORTS FOR USB CABLE

● USB28B2034K	.585	1.25	.585	0.25	0.12	0.68	220	02M1922	10.030
---------------	------	------	------	------	------	------	-----	---------	--------

(89350)

HIGH IMPEDANCE MULTI-TURN SNAP SLEEVE FERRITES

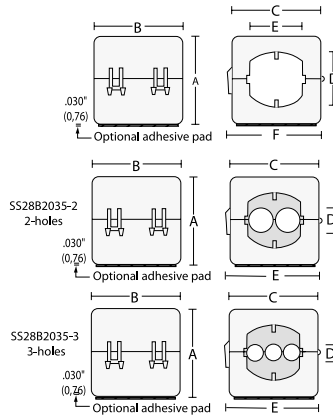


FerriShield, INC.
Interference Control Components

Just Added



MULTI-TURN SNAP SLEEVE



Mfg. Part No.	Dimensions (in.)					Z (Ohms) @ 100MHz	Stock No.	Price Each
	A	B	C	D	E			
● SS28B2035	1.55	1.25	1.125	0.78	1.23	129	02M1868	17.400
● SS28B2035-2	1.155	1.25	1.125	0.335	1.23	270	02M1870	17.840
● SS28B2035-3	1.155	1.25	1.125	0.203	1.23	340	02M1871	18.000

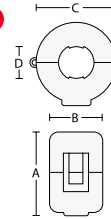
(89413)

UNIVERSAL WIDEBAND CABLE SNAP FERRITES FOR ROUND CABLES UP TO 1GHz



FerriShield, INC.
Interference Control Components

Just Added



Ferrite assembly in fully enclosed nylon case. Snap closed around wire by clamping shut to position assembly. 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.

Mfg. Part No.	Dimensions (in.)				Z (Ohms) @ 100MHz	Stock No.	Price Each
	A	B	C	D			
● CS28B1501	1.725	1.232	1.72	0.71	177	02M1333	23.190
● CS28B1642	0.852	0.885	0.84	0.282	100	02M1334	9.460
● CS28B1805	1.04	0.667	1.025	0.34	73	02M1335	9.750
● CS28B1937	1.182	0.78	1.188	0.425	117	02M1336	11.190
● CS28B1984	1.218	0.705	1.22	0.525	62	02M1337	10.640
● CS28B2000	2.35	1.851	2.309	0.96	380	02M1338	52.390

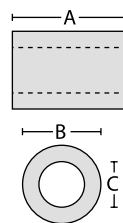
(89346)

SOLID CABLE FERRITES FOR ROUND CABLES



FerriShield, INC.
Interference Control Components

Just Added



Miniature beads - Very small cylindrical suppressors for wire diameters below .25" (6.4mm). Handy for tight spaces, on-board suppression and general applications.
Large beads - Sizes up to 1.0" I.D. (25.4 mm) for applications where there are large cable bundles or where great amounts of suppression are required.

MINIATURE BEADS

Mfg. Part No.	Dimensions (in.)			Z (Ohms) @ 100MHz	Stock No.	Price Each
	A	B	C			
● 28B0350-0	0.625	.343	0.17	102	02M1936	2.450
● 28B0250-1	0.625	0.25	0.125	133	02M1934	2.080
● 28B0375-3	0.75	.375	0.192	140	02M1938	3.210
● 28B0138-7	0.55	0.138	0.034	234	02M1932	1.830
● 28B0562-2	1.125	.562	0.25	257	02M1940	5.360
● 28B0385-2	0.65	0.385	0.038	452	02M1939	2.440

LARGE BEADS

● 28B0736-0	1.125	.736	0.43	176	02M1948	7.010
● 28B0686-2	1.125	0.686	0.375	196	02M1946	4.610
● 28B0625-0	0.562	.625	0.31	225	02M1942	5.000
● 28B1020-1	1.125	1.02	0.505	225	02M1952	7.400

(89345)

EMI - RFI METALIZED FABRIC CONDUCTIVE TAPE

Just Added

FerriShield, INC.
Interference Control Components

Applications

- Cable sealing
- Enclosure seams
- Shielded room joints
- Surface/ component shield



Mfg. Part No.	Dimensions (in.)			Resistivity (ohms/in.in)	Stock No.	Price Each
	Width	Thickness	Length (ft.)			
ST005PCN100	0.5	0.005	85	0.05	22M4940	73.490
ST005PCN50	1	0.005	85	0.05	22M4941	37.920

(89348)

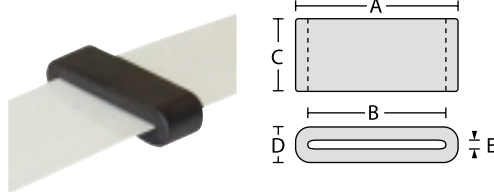
FERRITE CABLE CORES / SLEEVES

ULTRA THIN LOW
PROFILE SOLID CABLE
FERRITES IDEAL FOR
FLEX-CIRCUITS



FerriShield, INC.
Interference Control Components

Just Added



Solid thin profile ferrite suppressors. Excellent for flex-circuits and tight spaces. Various sizes can accommodate circuits up to 1.25" (31.8mm)

Mfg. Part No.	Dimensions (in.)					Z (Ohms) @ 100MHz	Stock No.	Price Each	
	A	B	C	D	E			1-4	
● FX28R0984-0	0.984	0.709	0.945	0.303	0.035	220	02M1468	10.370	
● FX28R0984-2	0.984	0.709	0.63	0.303	0.035	170	02M1470	9.450	
● FX28R1261-2	1.26	0.988	0.382	0.303	0.035	135	02M1472	6.920	
● FX28R1450-1	1.45	1.165	0.394	0.303	0.035	130	02M1474	9.300	
● FX28R1457-4	1.457	1.299	0.53	0.177	0.020	140	02M1476	8.320	

(89343)

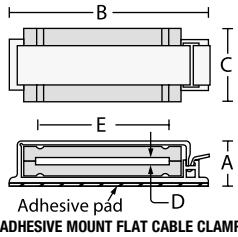
UNIVERSAL WIDEBAND CABLE CLAMP
FERRITES FOR FLAT CABLES UP TO 1GHz

FerriShield, INC.
Interference Control Components

Just Added



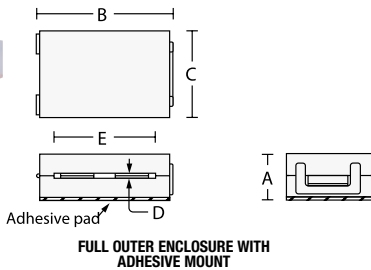
ADHESIVE MOUNT FLAT CABLE CLAMP



ADHESIVE MOUNT FLAT CABLE CLAMP



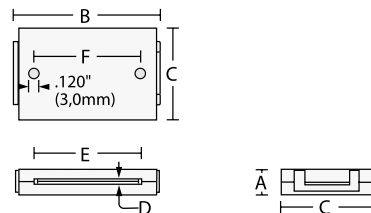
FULL OUTER ENCLOSURE WITH
ADHESIVE MOUNT



FULL OUTER ENCLOSURE WITH
ADHESIVE MOUNT



SLIM-LINE PROFILE WITH
CABLE GRIP MOUNTS



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			1-9	
● FA28B0071	0.52	1.244	0.75	.060	0.51	...	49	02M1404	11.190	
● FA28B0121	0.52	1.79	0.75	.060	1.01	...	97	02M1405	12.130	

➔ CONTINUED ➔

UNIVERSAL WIDEBAND CABLE CLAMP FERRITES FOR FLAT CABLES UP TO 1GHz (CONT.)

Mfg. Part No.	Dimensions (in.)						Z (Ohms) @ 100MHz	Stock No.	Price Each	
	A	B	C	D	E	F			1-9	
● FA28B1729	0.8	2.43	1.125	.060	1.355	...	200	02M1408	19.660	
● FA28B2480	0.8	3.18	1.125	.060	2.047	...	250	02M1413	24.240	
● FA28B3012	0.8	3.7	1.125	.060	2.54	...	286	02M1417	27.030	

FULL OUTER ENCLOSURE WITH ADHESIVE MOUNT

● RA28B1729	0.7	2.03	1.312	.060	1.355	...	200	02M1625	19.420	
-------------	-----	------	-------	------	-------	-----	-----	---------	--------	--

SLIM-LINE PROFILE WITH CABLE GRIP MOUNTS

● RC28B1265	0.37	1.312	1.56	.038	1.047	0.95	148	02M1637	9.300	
-------------	------	-------	------	------	-------	------	-----	---------	-------	--

(89347)

SOLID CABLE FERRITES
FOR FLAT CABLES

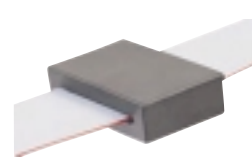


FerriShield, INC.
Interference Control Components

Just Added



LOW PROFILE SOLIDS



RECTANGULAR SOLIDS

Low profile solids - Excellent for thin flex circuits and SCSI 2 flat cables on .025" (0.64mm) centers. Six sizes accommodate cable widths up to 2.00" (50.8 mm).

Rectangular solids - Solid ferrite suppressors configured to accept flat ribbon cables. Must be installed prior to termination of the cable. A variety of designs accommodate special installation and insertion loss requirements.

LOW PROFILE WITH SHOCK MOUNT ADHESIVE FOAM BASE

Mfg. Part No.	Dimensions (in.)					Z (Ohms) @ 100MHz	Stock No.	Price Each	
	A	B	C	D	E			1-9	
● 28R0760	0.76	0.51	1.125	0.3	0.051	150	02M1974	4.590	
● 28R1127	1.125	0.925	1.22	0.303	0.066	188	02M1975	6.950	
● 28R1260	1.26	1.01	1.125	0.3	0.051	237	02M1976	7.000	
● 28R1575	1.575	1.325	1.125	0.3	0.051	160	02M1978	7.150	
● 28R1953	1.953	1.732	0.472	0.288	0.059	109	02M1979	5.900	

RECTANGULAR SOLIDS

● 28B1101	1.101	0.902	0.577	0.335	0.059	133	02M1953	5.510	
-----------	-------	-------	-------	-------	-------	-----	---------	-------	--

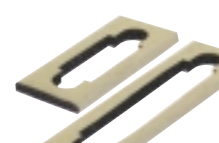
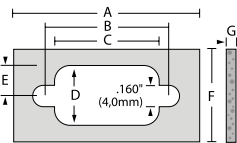
(89344)

D-SUBMINIATURE RFI
SHIELDING GASKETS



FerriShield, INC.
Interference Control Components

Just Added



Specifications

- Foam Core: open-cell polyurethane foam
- Metalized Fabric: nickel plate over copper substrate
- Service Temperature: -40°F to 156°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.
- Includes a very high bond pressure sensitive tape
- Flammability: UL94-V0

Mfg. Part No.	Dimensions (in.)							Conductors (Pins)	Stock No.	Price Each	
	A	B	C	D	E	F	G			1-24	
● SG140009DS	1.4	0.98	0.78	0.44	0.22	0.7	0.1	9	02M1791	1.350	
● SG175015DS	1.75	1.31	1.11	0.44	0.22	0.7	0.1	15	02M1792	1.510	
● SG228025DS	2.28	1.85	1.65	0.44	0.22	0.7	0.1	25	02M1799	1.670	
● SG293037DS	2.93	2.5	2.29	0.44	0.22	0.7	0.1	37	02M1805	1.830	
● SG284050DS	2.84	2.84	2.2	0.55	0.28	0.8	0.1	50	02M1804	2.560	

(89341)

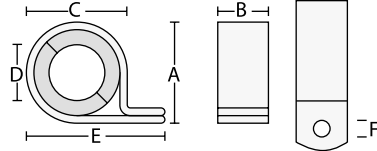
FERRITE CABLE CORES / SLEEVES • SHIELDING FABRICS / GASKETS

SCREW MOUNT CABLE
CLAMPSPLIT CORE
FERRITE



FerriShield, INC.
Interference Control Components

Just Added



These ferrite bead assemblies are bonded to nylon straps for versatile mounting along horizontal and vertical surfaces using holes provided for screw mounting. Different sizes available to fit any cable up to 1". May be added after assembly as ferrite is split.

Mfg. Part No.	Dimensions (in.)						Z (Ohms) @ 100MHz	Stock No.	Price Each 1-9
	A	B	C	D	E	F			
● TC28B0617	0.74	1.125	0.74	0.276	1.215	0.195	273	02M1902	9.200
● TC28B0642	.785	0.63	.785	0.32	1.335	0.195	100	02M1903	8.580
● TC28B1123	1.32	1.125	1.32	0.543	2	0.195	220	02M1907	18.840
● TC28B1500	1.628	1	1.628	1	2.15	0.195	133	02M1909	18.840

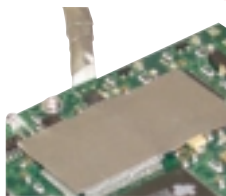
(89342)

ELECTROMAGNETIC
RADIO WAVE
ABSORBER SHEETS

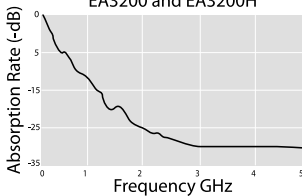


FerriShield, INC.
Interference Control Components

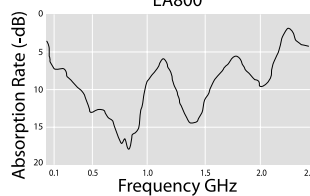
Just Added



EA3200H-SP12
EA3200 and EA3200H



EA800



Specifications

- Frequency range: 10MHz - 6.0GHz
- Peak frequency: 13.56MHz, 860-930MHz, 433.92MHz, 2.45GHz, 5.8GHz
- Temperature range: -20°C to 110°C
- Flammability rating: UL94-V0

Adhesive backed sheet and patch material formulated for specific frequency RFID applications.

RFID ABSORBER SHIELDING MATERIAL

Mfg. Part No.	Dimensions (in.)			Attenuation @ Peak Frequency	Stock No.	Price Each 1-4
	Width	Length	Thickness			
● EA100	15.75	15.75	0.002	-5	02M1375	92.310
● EA300	15.75	15.75	0.007	-5	02M1377	132.760
● EA400	15.75	15.75	0.012	-5	02M1384	173.060
● EA800	15.75	15.75	0.008	-17.9	02M1388	130.770
● EA3200	8.25	15.75	0.005	-17.9	02M1379	207.140

RFID SHIELDING PATCHES

● EA3200H-SP12	1	1.937	0.005	-31.2	02M1383	5.460
----------------	---	-------	-------	-------	---------	-------

(89367)

Keep up with
environmental
laws.

Learn about China RoHS,
US/Canadian green laws & free
RoHS compliance tools. Visit
www.newark.com/rohs

(84635)

BERYLLIUM COPPER
EMI - RFI SHIELDING
GASKETS



FerriShield, INC.
Interference Control Components

Just Added



HIGH DEFLECTION D-SHAPE



HIGH DEFLECTION D-SHAPE, FOLD-OVER



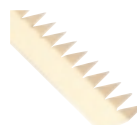
HIGH DEFLECTION NO-SAG, FOLD-UNDER



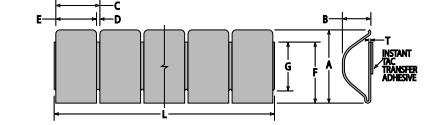
CLIP-ON



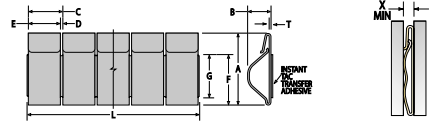
CONTACT STRIP



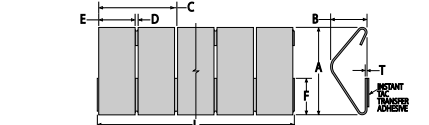
LOW PROFILE TWIST SHAPE



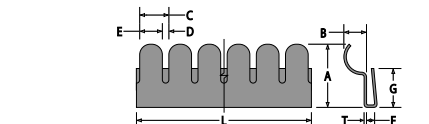
HIGH DEFLECTION D-SHAPE



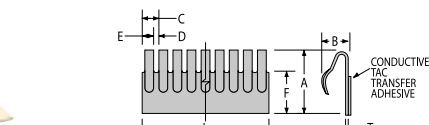
HIGH DEFLECTION D-SHAPE, FOLD-OVER



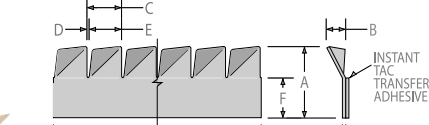
HIGH DEFLECTION NO-SAG, FOLD-UNDER



CLIP-ON



CONTACT STRIP



LOW PROFILE TWIST SHAPE

Gasket specifications

- Typical attenuation: Greater than 100dB up to 1GHz
- Material: Beryllium copper alloy #C17200
- 22% IACS electrical conductivity
- Density: 0.302 lb./cu.in.

Adhesive specifications

- Peel Adhesion: stainless steel (ASTM D3575)
- Temperature Range: 0°F to 200°F (-18°C to 90°C)

HIGH DEFLECTION D-SHAPE

Mfg. Part No.	Fingers	Dimensions (in.)										Stock No.	Price Each
		A	B	C	D	E	F	G	T	L	1-9		
● SG738538CU	64	.76	.25	.375	.040	.335	.470	...	.0045	24	02M1816	25.090	
● SG700500CU	64	.6	.23	.375	.032	.343	.500	...	.0038	24	02M1808	20.680	
● SG720520CU	64	.38	.14	.250	.022	.228	.310	...	.003	16	02M1812	20.520	
● SG740540CU	85	.28	.11	.188	.018	.170	.230	...	.0027	16	02M1818	20.820	

HIGH DEFLECTION D-SHAPE, FOLD-OVER

● SG701515CU	64	.76	.23	.375	.032	.343	.520	...	.0038	24	02M1810	24.680
● SG721521CU	64	.51	.15	.250	.022	.228	.370	...	.003	16	02M1814	21.120
● SG741541CU	85	.38	.12	.188	.018	.170	.240	...	.0027	16	02M1820	20.640
● SG761542CU	85	.25	.09	.188	.018	.170	.210	...	.0025	16	02M1822	18.500

HIGH DEFLECTION NO-SAG, FOLD-UNDER

● SG930957CU	80	.31	.12	.187	.020	.168	.170	...	.0027	15	02M1830	22.130
● SG960951CU	40	.61	.26	.375	.020	.355	.250	...	.003	15	02M1832	24.800

CLIP-ON

● SG81104614CU	85	.3	.1	.188	.048	.140	.040	.210	.005	16	02M1826	17.460
● SG81106610CU	85	.3	.1	.188	.048	.140	.060	.190	.005	16	02M1828	17.460

➔ CONTINUED ➔

SHIELDING FABRICS / GASKETS • INDUCTOR- SUBSTITUTER • INDUCTOR/FERRITE KITS

BERYLLIUM COPPER EMI - RFI SHIELDING GASKETS (CONT.)

CONTACT STRIP

Mfg. Part No.	Fingers	Dimensions (in.)										Stock No.	Price Each
		A	B	C	D	E	F	G	T	L	1-9		
● SG128139CU	170	.44	.16	.094	.032	.062	.320	...	.01	16	02M1789	26.980	
● SG110310CU	85	.48	.28	.188	.064	.124	.370	...	.006	16	02M1783	23.010	
LOW PROFILE TWIST SHAPE													
● SG250550CU	250	.23	.03	.096	.015	.081	.140	...	.003	24	02M1802	21.160	
● SG210555CU	146	.34	.07	.165	.015	.150	.180	...	.003	24	02M1797	19.410	

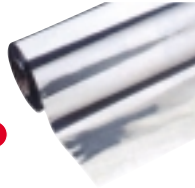
(89338)

(89338)

EMC CONDUCTIVE SHIELDING FABRICS


FerriShield, INC.
Interference Control Components


Shielding fabric



Shielding aluminum

Just Added

Applications

- Bonding or laminating to complex geometric shapes
- Enclosure panels and frames, seams, joints, shield curtains for back panel openings
- RFI-EMI conductive shielding gasket cover membranes (i.e., with foam or silicone core structures)
- Architectural shielding; shielded room finishing - ceilings, walls, floors; special purpose rooms

EMC Shielding fabrics are polyester cloth available with a copper and/or nickel coating.

Conductive Aluminum is a high performance, cost-effective sheet shielding material with very good electrical and thermal conductivity, high reflectivity and resistance to oxidation and corrosive environments. Composed of four layers static dissipative-EMC coating, polyester, Aluminum and polyethylene.

POLYESTER SHIELDING SHEETS

Mfg. Part No.	Fabric Material	Dimensions (in.)			Surface Resistivity	Stock No.	Price Each
		Width	Length	Thickness			
● SF005PCN	Copper/Nickel	41	36	0.0035	.005	02M1761	56.390
● SF030PCU	Copper	41	36	0.003	.030	02M1767	49.040
● SF050PNI	Nickel	41	36	0.004	.050	02M1773	48.000

POLYESTER SHIELDING SHEETS - WITH CONDUCTIVE ADHESIVE

● SF005PCN-CA	Copper/Nickel	41	36	0.0035	.005	02M1762	71.010
● SF030PCU-CA	Copper	41	36	0.003	.030	02M1768	64.090
● SF050PNI-CA	Nickel	41	36	0.004	.050	02M1774	63.140

POLYESTER SHIELDING SHEETS - WITH HOT MELT ADHESIVE

● SF005PCN-HM	Copper/Nickel	41	36	0.0035	.005	02M1764	64.410
● SF030PCU-HM	Copper	41	36	0.003	.030	02M1770	57.320
● SF050PNI-HM	Nickel	41	36	0.004	.050	02M1776	51.520

ALUMINUM SHIELDING SHEETS

● SF100PAL	Aluminum	41	36	0.0029	...	02M1779	7.060
------------	----------	----	----	--------	-----	---------	-------

(89340)

LS SERIES DIGITAL INDUCTANCE DECADE BOXES



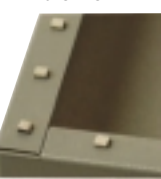
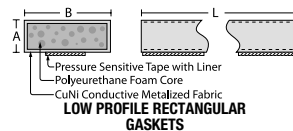
Mfg. Part No.	Inductance Max. (H)	Resolution mH	Accuracy	Decades	Stock No.	Price Each
LS-400	9.999	1	±(2%+0.5 uH)	4	36K4128	799.000
LS-400A	0.999	1	±(2%+0.5 uH)	3	36K4129	679.000

(84984)

METALIZED FABRIC OVER FOAM EMI - RFI SHIELDING GASKETS



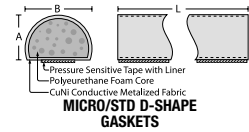
MICRO/STD D-SHAPE GASKETS



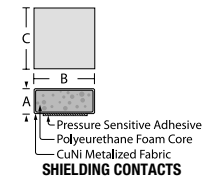
SHIELDING CONTACTS

FerriShield, INC.
Interference Control Components

Just Added



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 - 0.01 Ohm/sq/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	8.700
● SG250375D-24	0.25	0.375	24	02M1800	10.600
● SG375500D-24	0.375	0.5	24	02M1806	14.040

MICRO D-SHAPE RFI SHIELDING GASKETS

● SG125187D-24	0.125	0.187	24	02M1785	7.030
----------------	-------	-------	----	---------	-------

LOW PROFILE RECTANGULAR RFI SHIELDING GASKETS

● SG060125R-24	0.06	0.125	24	02M1781	4.900
● SG125250R-24	0.125	0.25	24	02M1787	7.350
● SG187375R-24	0.187	0.375	24	02M1795	9.580

SHIELDING CONTACTS WITH VERY HIGH BOND PRESSURE SENSITIVE ADHESIVE MOUNTING

Mfg. Part No.	Dimensions (in.)			Stock No.	Price Each
	A	B	C		
● SC060138R	.06	0.138	0.138	02M1742	0.697

(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
		1-4
● SPC12271	08H0339	256.300

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	256.300
------------	---------	---------

(74269)

INDUCTOR/FERRITE KITS • PCB MOUNT FILTERS • RFI FILTERS

EMI SUPPRESSION
EVALUATION KITS



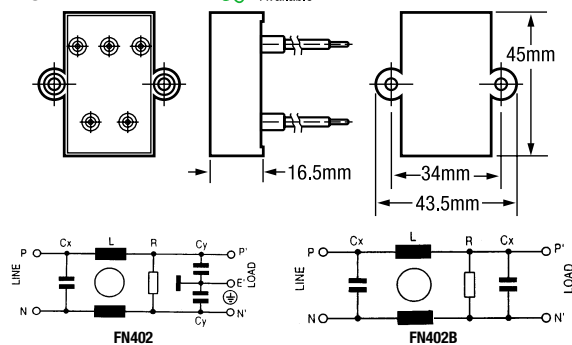
Expanded Cable and Connector EMI Suppressor Kit. Specifically designed to attenuate EMI in all types of cable-connected systems. Features 82 components, including a variety of shield beads, one- and two-piece cable suppressor cores and multi-hole suppressor plates for connectors. Made of "Type 43" material, 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 wave 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
● 0199000005	Expanded Cable and Connector EMI Suppressor Kit	95F755	90.240
● 0199000018	Chip Beads Kit	83F7366	60.160
● 0199000034	Expanded Snap-in Kit	05H9900	206.800
● 0199000017	Snap-In Cable Connector Kit	25C0483	60.160

(7340)

FN402 SERIES COMPACT
FILTERS



Features

- 0.5–6.5A Current Ratings
- Compact PC Board Mountable Design
- Very Low Profile

FN402 series filters are provided in a very compact and low profile PC board mounting plastic enclosure. Choice of 5 current ratings. Filters combine great versatility with economy.

Space-saving PC board or chassis mount filter package. Suffix /02 in mfg. part no. indicates PC board mount. Mfg. Part No. FN402-16 use 0.110" mini-solder/faston connector. Mfg. Part Nos. 402B are medical-grade versions with low leakage current.

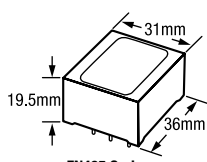
Mfg. Part No.	Amps	L (mH)	C _x (μF)	C _y (pF)	Stock No.	Price Each
						1-9
● FN402-0.5/02	0.5	40	0.1	2200	91F4381	9.920
FN402-1/02	1	10	0.1	2200	91F4382	9.610
FN402-2.5/02	2.5	2	0.1	2200	91F4383	10.810
FN402-4/02	4	1	0.1	2200	91F4384	10.500
FN402-6.5/02	6.5	1	0.1	2200	91F4385	10.810
FN402B-0.5/02	0.5	40	0.1	...	91F4391	9.300
● FN402B-1/02	1	10	0.1	...	91F4392	9.020
FN402B-2.5/02	2.5	2	0.1	...	91F4393	10.220
FN402B-4/02	4	1	0.1	...	91F4394	9.920
● FN402B-6.5/02	6.5	1	0.1	...	91F4395	10.220

(15630)

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.



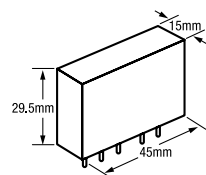
Mfg. Part No.	I (A)	L (mH)	C _x (μF)	C _y (pF)	Stock No.	Price Each		
						1-9	10-24	25-49
● FN405-1/02	1	10	0.015	2200	37K6085	12.020	10.510	8.370
● FN405-3/02	3	2	0.015	2200	37K6086	11.700	10.230	8.150

(7468)

FN406 SERIES VERTICAL
PC MOUNT FILTERS



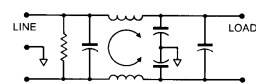
Vertical PC mount, single stage filters for situations where space is critical. General-purpose filter for small systems. Dimensions: 1.8W x 1.1H x 0.6"D. 250VAC rating with maximum leakage current of 0.5mA. Attenuates 150kHz to 30MHz.



Mfg. Part No.	I (A)	C _x (μF)	C _y (nF)	Stock No.	Price Each		
					1-9	10-24	25-49
● FN406-0.5/02	0.5	0.1	2.2	20M8074	12.320	10.780	8.580
FN406-1/02	1	0.1	2.2	92F5327	12.190	10.670	8.490
FN406-3/02	3	0.1	2.2	92F5328	12.320	10.780	8.580
FN406-6/02	6	0.1	2.2	92F5329	12.270	10.740	8.550

(7275)

X AND Z SERIES PC
BOARD-MOUNTABLE
RFI FILTERS

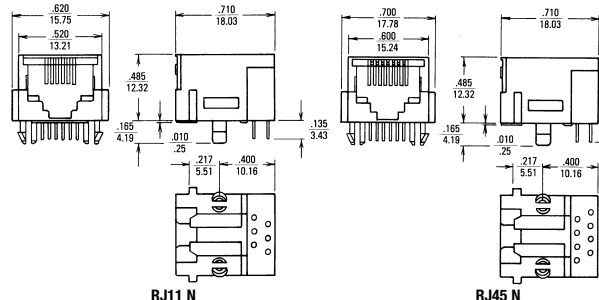


Compact components designed to consume minimal board space. X, Z series are ideal for emission-control applications and are designed to bring switching power supplies into compliance with FCC Part 15J conducted emission limits. Z series also enable compliance with VDE 0871, Level A requirements. Max. leakage current for X, Z series, line to ground at 120VAC/60Hz, 0.30mA; at 250VAC/50Hz, 0.50mA. UL recognized, CSA certified, VDE approved.

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each		
				1-24	25-49	50-99
● 1EZP	2.61 x 1.13 x 1.62"	1	52K3890	25.010	23.640	22.270
● 2EZP	2.61 x 1.13 x 1.75"	2	52K3891	24.950	23.580	22.210
● 3EX1	3.01 x 1.16 x 1.84"	3	52K3888	26.710	24.070	23.080
● 3EZ1	3.54 x 2.08 x 1.31"	3	52K4512	32.150	28.980	27.790
● 6EXP	2.61 x 1.13 x 1.75"	6	52K3889	30.880	29.190	27.500

(7280)

FILTERED
MODULAR JACKS



Cost-effective, space-saving solutions to the problems of RFI on signal lines. "Signal Sentry" filtered modular jacks are ideal for telecommunications equipment, computers, terminals and peripherals. Inductive and optional capacitive elements effectively remove common-mode noise from incoming signals and limits unwanted signal line emissions. N series offer inductance and optional shielding plus a lower profile for board stacking applications. Mfg. part nos. with S suffix incorporate sleeve ferrites for handling crosstalk problems, while mfg. part nos. with B suffix incorporate block ferrites for higher performance. UL recognized and CSA certified.

N SERIES LOW-PROFILE FILTERED MODULAR JACKS

Mfg. Part No.	Inductors Ferrite	Shield*	Terminals Loaded	Stock No.	Price Each		
					1-24	25-49	50-99
● RJ11-6N-S	Sleeve	...	6	52F7837	3.140	2.780	2.660
● RJ11-6N-B	Block	...	6	52K4539	3.220	2.850	2.730
● RJ11-6N3-B	Block	3	6	52K3910	4.090	3.620	3.470
● RJ11-6N4-B	Block	4	6	52K3911	4.090	3.620	3.470
● RJ45-8N-S	Sleeve	...	8	52F7843	2.920	2.580	2.470
● RJ45-8N-B	Block	...	8	52K3317	3.480	3.080	2.950
● RJ45-8N3-S	Sleeve	...	6	52F7845	4.700	4.160	3.980
● RJ45-8N3-B	Block	3	8	52K3318	4.090	3.620	3.470
● 1-6609212-6	Sleeve	4	8	69K5773	4.700	4.160	3.980
● RJ45-8N4-B	Block	4	8	52K3319	4.020	3.550	3.400

*Shield: 1=Panel and board-grounded, 2=Board grounded only, 3=Panel-board and cable-grounded, 4=Board and cable ground only.

(16627)

RFI FILTERS

TYCO CORCOM FFD SERIES AC FEEDTHROUGH FILTERS - CLASS Y4

Applications

- Telecom Systems
- High Current Switch Mode Power Supplies
- Power Amplifier and Generators
- Industrial Controls

Features

- Designed to Meet EN132400 Safety Requirements
- UL and CSA Certification Pending

Specifications

- Voltage Rating: 130V
- Storage Temp.: -40°C to +85°C
- Operating Temp.: -40°C to +60°C (10A)
- -40°C to +50°C (200A)

Mfg. Part No.	Current Rating (A)	Capacitance (nF)	Inductance (nH)	Stock No.	Price Each
● 32FFD6-CA	32	20	70	45M7547	150.700
● 10FFD6-CA	10	20	70	45M7536	132.210
● 10FFD6-HE	10	200	140	45M7537	141.350

(94515)




TYCO CORCOM AFC/DFC SERIES FEEDTHROUGH CAPACITORS

Applications

- Telecom Systems
- High Current Switch Mode Power Supplies
- Power Amplifier and Generators
- Industrial Controls

Features

- Designed to Meet EN132400 Safety Requirements
- UL and CSA Certification Pending

Specifications

- Storage Temp.: -40°C to +85°C
- Operating Temp.: -40°C to +60°C

AFC SERIES AC FEEDTHROUGH CAPACITOR - CLASS Y2

Mfg. Part No.	Current Rating (A)	Capacitance (nF)	Voltage Rating (V)	Leakage Current (mA)	Stock No.	Price Each
● 32AFC6-H	32	100	250	9.4	45M7531	86.630
● 63AFC6-C	63	10	250	0.94	45M7532	85.420
● 100AFC6-G	100	47	250	4.4	45M7524	122.080
● 10AFC6-A	10	2.2	250	0.21	45M7522	80.370
● 10AFC6-B	10	4.7	250	0.44	45M7523	80.460
● 16AFC6-B	16	4.7	250	0.44	45M7525	73.900
● 16AFC6-G	16	47	250	4.4	45M7526	78.180
● 16AFC6-H	16	100	250	9.4	45M7527	84.330
● 32AFC6-B	32	4.7	250	0.44	45M7529	75.100
● 32AFC6-C	32	10	250	0.94	45M7530	76.290
● 200AFC6-H	200	100	250	9.4	45M7528	134.010

DFC SERIES DC FEEDTHROUGH CAPACITOR - CLASS Y4

Mfg. Part No.	Current Rating (A)	Capacitance (nF)	Voltage Rating (V)	Leakage Current (mA)	Stock No.	Price Each
● 10DFC6-C	10	10	130	...	45M7535	80.460
● 100DFC6-H	100	100	130	...	45M7538	128.250
● 100DFC6-P	100	1000	130	...	45M7539	154.070
● 16DFC6-C	16	10	130	...	45M7540	74.200
● 16DFC6-G	16	47	130	...	45M7541	77.080
● 16DFC6-H	16	100	130	...	45M7542	77.980
● 16DFC6-N	16	470	130	...	45M7543	104.710
● 32DFC6-C	32	10	130	...	45M7544	75.400
● 32DFC6-G	32	47	130	...	45M7545	78.870
● 32DFC6-N	32	470	130	...	45M7546	106.090
● 63DFC6-G	63	47	130	...	45M7548	91.790

(94516)

EF SERIES RFI FILTERS




EF Series are general purpose filters effectively providing RFI control of line-to-ground noise. The design is compact and meets the very low leakage current requirements of VDE portable equipment as well as (120 Volt) UL544 non-patient medical equipment. Models with F suffix have .250" terminals on load side

Mfg. Part No.	Current Rating (A)	D x H x W	Stock No.	Price Each
1EF2	1	1.55 x 0.85 x 1.98"	15F2459	14.500 13.710
● 15EF1F	15	2.62 x 0.85 x 1.98"	52K4472	17.130 16.190

(80222)

EEJ SERIES ENHANCED PERFORMANCE COMPACT RFI FILTERS




The new EEJ Series is the next generation of power inlet filters and has an extended metal flange around the socket for improved high frequency EMI shielding as well as a larger contact area for the panel ground.

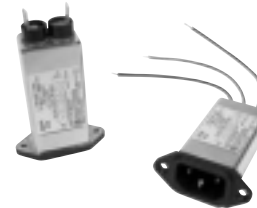


Mfg. Part No.	Current Rating (A)	Terminal Type	D x H x W	Stock No.	Price Each
● 1EEJ1	1	Straight 1/4" QC	2.15 x 0.96 x 2.04	82H5915	9.650 8.700
● 1EEJ2	1	Rt. Angle 1/4" QC	1.54 x 0.96 x 2.04	82H5916	10.360 9.330
● 1EEJP	1	PCB	1.54 x 0.96 x 2.04	82H5914	11.570 10.430
● 3EEJ1	3	Straight 1/4" QC	2.15 x 0.96 x 2.04	82H5944	7.800 7.030
● 3EEJP	3	PCB	1.54 x 0.96 x 2.04	82H5943	9.190 8.280
● 6EEJ2	6	Rt. Angle 1/4" QC	1.54 x 0.96 x 2.04	82H5955	7.930 7.140
● 6EEJP	6	PCB	1.54 x 0.96 x 2.04	82H5953	8.560 7.710
10EEJ2	10	Rt. Angle 1/4" QC	1.54 x 0.96 x 2.04	82H5924	8.530 7.690
● 10EEJP	10	PCB	1.54 x 0.96 x 2.04	82H5923	9.190 8.280
● 15EEJ2	15	Rt. Angle 1/4" QC	1.54 x 0.96 x 2.04	82H5933	8.780 7.910
● 15EEJP	15	PCB	1.54 x 0.96 x 2.04	82H5931	10.430 9.400

(79347)

EJT SERIES COMPACT RFI FILTERS WITH IEC CONNECTORS





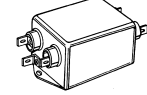
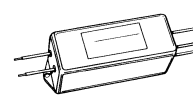
The EJT Series is a power inlet filter designed to attenuate noise up to 1 GHz. This inlet uses an IEC 320/C14 input connector which gives it a maximum rating of 15 amps. The EJT Series is flange-mounted with optional outputs of 1/4" terminals or wire leads. This product was designed to address the demand for more noise attenuation at higher frequencies in a compact inlet. Each filter has a dimension of 2.23 x 0.875 x 1.98".

Mfg. Part No.	Current Rating (A)	Terminal Type	Stock No.	Price Each
● 1EJT1	1	Straight 1/4" QC	82H5921	16.040 14.460
● 1EJT8	1	Wire Leads	82H5922	15.290 13.780
● 3EJT1	3	Straight 1/4" QC	82H5950	15.970 14.390
● 3EJT8	3	Wire Leads	82H5951	15.290 13.780
● 6EJT1	6	Straight 1/4" QC	82H5960	15.940 14.370
● 6EJT8	6	Wire Leads	82H5961	15.510 13.980
● 10EJT1	10	Straight 1/4" QC	82H5929	16.040 14.460
● 10EJT8	10	Wire Leads	82H5930	15.580 14.040
● 15EJT8	15	Wire Leads	82H5939	15.800 14.240

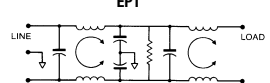
(79380)

EP SERIES RFI FILTERS





Reduce conducted noise to acceptable limits for equipment to comply with VDE 0871 requirements and FCC specifications. Filters provide high insertion losses for line-to-ground and line-to-line emissions throughout frequency range. 120/250V, 50/60Hz AC. UL recognized, CSA certified, VDE and SEV approved.



Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each
● 3EP3	3.35 x 1.78 x 2.07"	3	52K3863	28.930 27.350 25.760
● 3EP1	3.85 x 1.78 x 2.07"	3	52K3862	28.930 27.350 25.760

➔ CONTINUED ➔

RFI FILTERS

EP SERIES RFI FILTERS (CONT.)

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each		
				1-24	25-49	50-99
● 3EP7	3.21 x 1.78 x 2.25"	3	52K3864	36.040	32.480	31.150
● 6609037-6	6.03 x 2.28 x 2.07"	6	87K2509	59.150	53.310	51.120
● 6EP1	6.62 x 2.28 x 2.07"	6	52K4487	53.310	50.390	47.470
● 10EP1	6.62 x 2.78 x 2.07"	10	52K4488	65.550	61.960	58.370
● 10EP3	6.03 x 2.78 x 2.07"	10	52K4489	65.550	61.960	58.370
● 20EP1	4.47 x 1.80 x 2.27"	20	52K3865	44.570	42.160	39.510
● 20EP6	5.09 x 2.25 x 1.78"	20	52K3307	47.850	45.260	42.410

(7261)

THREE PHASE
EXTERNAL POWER LINE
FILTER FOR
FREQUENCY
CONVERTERS

The FCD Series filters provide three phase filtering for frequency inverters and variable speed motor drives. Designed for very noisy Delta applications, they attenuate conducted interference at low and high frequency ranges and better protect programmable logic controllers from RF noise on the AC power line. These filters perform best when installed on the line side of the motor drive. The FCD filters better prevent noise from returning to the line, enabling equipment to meet strict European regulations on RFI.

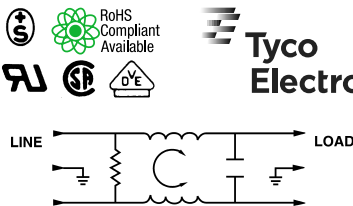
RoHS COMPLIANT

Mfg. Part No.	Current Rating (A)	Dimensions	Stock No.	Price Each		
				1-24	25-49	50-99
● 16FCD10	16	7.20 x 2.55 x 5.48"	52K4520	159.220	150.490	
● 25FCD10	25	9.69 x 2.55 x 6.30"	52K4521	217.340	205.430	
● 36FCD10	36	9.69 x 2.55 x 6.30"	52K4522	231.220	218.550	

(79436)

H SERIES RFI
FILTERS

6EH1



Meets UL 544 specifications for patient care equipment. UL recognized, CSA certified, VDE approved, and SEV approved. Additional sizes available, go online or call.

120/250V, 50/60Hz AC

Mfg. Part No.	Amps	Dimensions (Inches) H x W x D	Stock No.	Price Each		
				1-24	25-49	50-99
● 6EH1	6	0.66 x 2.53 x 2.25	52K4464	11.390	10.770	10.140
● 6EH4	6	0.81 x 1.98 x 2.20	52K4466	13.800	13.050	12.290
● 6EH9	6	0.85 x 1.98 x 1.55	52K3833	14.130	13.360	12.580
● 10EH4	10	0.81 x 1.98 x 2.62	52K3834	14.940	14.120	13.300
● 10EH1	10	0.66 x 2.53 x 2.25	52K4465	11.870	11.220	10.570
● 10EH3	10	0.66 x 2.53 x .96	23B4347	14.510	13.080	12.540

(7420)

HQ SERIES HIGHEST
PERFORMANCE RFI
FILTERS

HQ Series power line filters provide the highest available common-mode and differential-mode attenuation to RFI noise in the frequency range from 10 kHz to 30 MHz, for IEC601 and UL544 patient-connected equipment, as well as all other electronic equipment that cannot tolerate any leakage current.



Mfg. Part No.	Current Rating (A)	Dimensions	Dimensions	Stock No.	Price Each
					1-24
● 3EHQ1	3	3.85 x 2.07 x 1.78"	Straight 1/4" Q.C.	52K4511	45.670
● 6EHQ8	6	5.47 x 2.07 x 1.78"	IEC input / wire leads output	72K5863	74.950

(79432)

K & SK SERIES RFI FILTERS
AND B SERIES GENERAL-
PURPOSE FILTERS

Fig. 1



Fig. 2



Fig. 3



Fig. 4

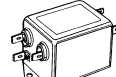
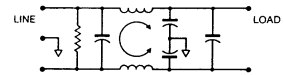


Fig. 5



Fig. 6



K series general-purpose, common- and differential-mode filters effectively control line-to-line and line-to-ground RFI interference. Ideal for uses where pulsed, continuous, and/or intermittent RFI interference is present. Maximum leakage: K series: 0.5mA @ 120VAC/60Hz; 1.0mA @ 250VAC/50Hz; EK series: 0.25mA @ 120VAC/60Hz; 0.40mA @ 250VAC/50Hz. SK series high-performance, power line filters significantly outperform K series. Ideal for equipment with high line-to-ground and line-to-line conducted emissions. SK series maximum leakage: for 3A, 6A and 10A units, 0.5mA @ 120VAC, 60Hz; 1.0mA @ 250VAC, 50Hz; for 20A and 30A units, 0.3mA @ 120VAC, 60Hz; 0.5mA @ 250VAC, 50Hz. Both K and SK series are UL recognized, CSA certified, and VDE approved.

RoHS COMPLIANT

GENERAL-PURPOSE RFI FILTERS

Mfg. Part No.	Fig.	D x H x W	Amp	Stock No.	Price Each		
					1-9	10-24	25-49
● 1VK1	2	3.10 x 0.91 x 2.81"	1	52K4481	15.420	14.340	13.630
● 2VK1	2	3.10 x 0.91 x 2.81"	2	52K3850	13.250	12.320	11.710
● 3VK3	3	1.81 x 1.16 x 2.81"	3	52K3852	16.260	15.120	14.370
● 5VK1	2	1.81 x 1.16 x 2.81"	5	52K3853	13.480	12.540	11.920
● 5VK3	3	1.81 x 1.16 x 2.81"	5	52K4257	15.180	14.120	13.420
● 6VSK7	1	3.21 x 1.78 x 2.25	6	52K3861	37.650	35.020	33.270
● 10VK1	2	3.35 x 1.16 x 2.81"	10	52K3297	14.220	13.220	12.560
● 20VK1	2	3.35 x 1.53 x 3.35"	20	52K3298	21.220	19.740	18.760
● 20EK1	2	3.35 x 1.53 x 3.35"	20	52K4256	21.440	19.940	18.950
● 20VK6	4	3.46 x 1.53 x 3.35"	20	52K4258	24.560	22.840	21.700
● 40VSK6	4	6.00 x 2.18 x 3.12"	40	52K4265	63.130	58.720	55.790

HIGH-PERFORMANCE RFI POWER LINE FILTERS

● 3VSK1	5	3.85 x 1.16 x 2.07"	3	52K4485	28.790	26.780	25.450
● 6ESK1	5	4.34 x 1.28 x 2.25"	6	52K3859	33.640	31.290	29.730
● 6VSK1 M0=F7238	5	4.34 x 1.28 x 2.25"	6	73K4359	33.720	31.360	29.800
● 10VSK1	5	4.97 x 1.78 x 2.25"	10	52K4486	39.310	36.560	34.740
● 10VSK7	1	4.33 x 1.78 x 2.25"	10	52K4262	42.210	39.260	37.300
● 20VSK6	6	5.09 x 1.78 x 2.25"	20	52K3306	47.410	44.100	41.900
● 30VSK6	4	4.92 x 2.75 x 3.12"	30	52K4263	57.000	53.020	50.370
● 40VSK6C	4	4.92 x 2.75 x 3.12"	30	52K4264	72.090	67.060	63.710

B SERIES GENERAL-PURPOSE FILTERS

B series compact, common-mode filters economically provide effective RFI control of line-to-ground noise. Maximum leakage current: 0.5mA @ 120VAC/60Hz; 1.0mA @ 250VAC/50Hz. Hi-pot rating: 2250VDC line-to-ground; 1450VDC line-to-line; UL recognized, CSA certified, VDE approved.

● 1VB1	2	2.25 x 0.66 x 2.53"	1	52K3845	11.510	10.700	10.170
● 1VB3	3	0.96 x 0.66 x 2.53"	1	52K3846	12.260	11.400	10.830
● 2VB1	2	2.25 x 0.66 x 2.53"	2	52K3847	10.370	9.640	9.160
● 2VB3	3	0.96 x 0.66 x 2.53"	2	52K4477	11.180	10.400	9.880
● 3VB1	2	2.61 x 0.78 x 2.53"	3	52K3848	11.960	11.120	10.570
● 3VB3	3	1.32 x 0.78 x 2.53"	3	52K4478	12.750	11.860	11.270
● 5VB1	2	2.61 x 0.78 x 2.53"	5	52K3849	11.080	10.300	9.790
● 5VB3	3	1.32 x 0.78 x 2.53"	5	52K4479	11.740	10.920	10.380
● 10VB1	2	2.61 x 1.16 x 2.53"	10	52K4480	12.390	11.520	10.950
● 10VB6	4	2.72 x 1.16 x 2.53"	10	52K3294	15.530	14.440	13.720
● 20VB1	2	3.36 x 1.16 x 2.81"	20	52K4255	19.010	17.680	16.800
● 20VB6	4	3.46 x 1.16 x 2.81"	20	52K3295	22.600	21.020	19.970

(7260)

**Online today.
On your desk
tomorrow.**

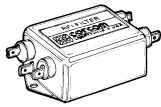
(94640)

- Best products, great value.
 - No minimum order fees, no hassles.
- Visit us online today.

RFI FILTERS

MV SERIES POWER LINE
FILTER FOR MEDICAL
EQUIPMENT

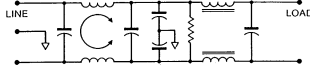
**Tyco
Electronics**



3, 6, 10 Amps



20 Amps



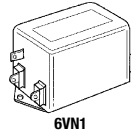
MV series filters aid compliance with requirements of UL2601, which limits leakage current for patient care equipment. MV series filters take advantage of the changed standard for leakage current and offers improved line-to-ground performance. Higher line-to-line performance is achieved through additional differential mode rod inductors. Max. leakage current (line to ground) @ 120VAC/60Hz, 0.07mA; @ 250VAC/50Hz, 0.15mA. UL recognized, CSA certified, VDE approved.

Mfg. Part No.	Amps	H x W x D	Stock No.	Price Each		
				1-24	25-49	50-99
● 6MV1	6	1.53 x 2.08 x 3.86"	52K3885	33.250	29.960	28.730
● 20MV1	20	1.53 x 3.38 x 5.23"	52K3887	68.350	64.610	60.860
● 6MV1	6	1.53 x 2.08 x 3.36"	52K3885	33.250	29.960	28.730
● 10MV1	10	1.53 x 2.08 x 3.86"	52K3886	33.860	32.010	30.150

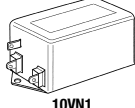
(7404)

N SERIES RFI FILTERS FOR
SWITCHING POWER SUPPLY

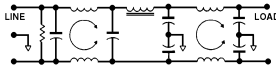
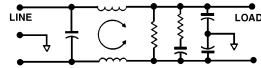
**Tyco
Electronics**



6VN1



10VN1



N series high-performance, common-mode, and differential-mode filters are ideal for digital equipment. Max. line-to-ground leakage @ 120VAC/60Hz: 1.25mA; @ 250VAC/50Hz: 2.10mA. Complies with emission limits of VDE0871 Level B and FCC Part 15J, Class B requirements. UL recognized, CSA certified, VDE approved.

RoHS COMPLIANT

Mfg. Part No.	H x W x D	Amps	Stock No.	Price Each		
				1-24	25-49	50-99
● 6VN1	1.81 x 2.15 x 3.56"	6	52K4508	43.300	40.930	38.560
● 10VN1	1.80 x 2.27 x 4.69"	10	52K3882	70.520	66.660	62.790

(33078)

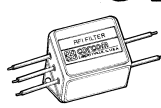
Q SERIES FILTERS



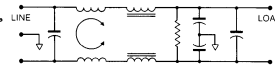
**Tyco
Electronics**



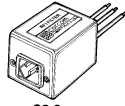
Q1



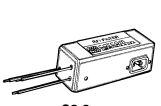
Q3



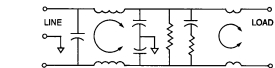
3VQ/3EQ Models, 3 amps



Q8 3 amp



Q8 6 amp



6EQ Models, 6 amps

Developed specifically for switching power supplies and to be all the power line filtering required to control conducted emissions down to 10kHz. High attenuation provided for both common mode and differential mode interference throughout the frequency range, with no degradation of performance due to the large peak current drawn by switching power supplies. Maximum leakage current, line-to-ground for VQ models at 120VAC/60Hz is 1mA; at 250VAC/50Hz is 1.25mA. For EQ models at 120VAC/60Hz is 0.30mA; at 250VAC/50Hz is 0.50mA. Hipot rating line-to-ground, 2250VDC; line-to-line, 1450VDC. UL recognized, CSA certified, VDE approved, and only EQ types are SEV approved. Medical version available; go online or call.

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each		
				1-14	15-24	25-49
● 3VQ1	3.85 x 1.78 x 2.07"	3	52K3880	45.510	40.980	37.480
● 3EQ1	3.85 x 1.78 x 2.07"	3	52K3878	45.510	40.980	37.480
● 6EQ1	4.98 x 1.80 x 2.27"	6	52K4502	65.970	59.410	54.330
● 6EQ3	3.69 x 1.80 x 2.27"	6	52K4503	65.970	59.410	54.330
● 20EQ1	6.66 x 2.07 x 2.28"	20	52K4504	84.270	75.880	69.400

(7282)

R SERIES DUAL T SECTION
RFI POWER LINE FILTERS

**Tyco
Electronics**

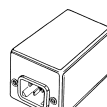


Fig. 1

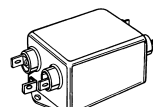


Fig. 2

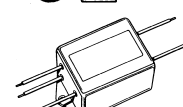


Fig. 3

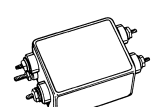
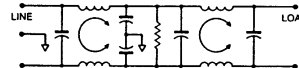


Fig. 4



Well-suited for low impedance loads where noisy RFI environments are present. Units control pulsed, continuous and/or intermittent interference, assuring protection of equipment from power line noise while also protecting the line from equipment noise. In addition, these filters provide low leakage current without deterioration of insertion loss characteristics. 120/250V, 50/60Hz AC. All are UL recognized, CSA certified, VDE approved.

RoHS COMPLIANT

Mfg. Part No.	Fig.	D x H x W	Amp	Stock No.	Price Each		
					1-24	25-49	50-99
● 1VR1	2	3.35 x 1.16 x 1.81"	1	52K3854	21.600	20.330	19.250
● 1VR3	3	2.07 x 1.16 x 1.81"	1	52K4482	22.810	21.470	20.330
● 2VR1	2	3.35 x 1.16 x 1.81"	2	52K4483	19.560	18.410	17.440
● 2VR3	3	2.07 x 1.16 x 1.81"	2	52K3855	21.640	20.370	19.290
● 3VR1	2	3.85 x 1.16 x 2.07"	3	52K3856	21.000	19.760	18.720
● 5VR1	2	3.85 x 1.16 x 2.07"	5	52K3857	19.740	18.580	17.600
● 5VR3	3	2.56 x 1.16 x 2.07"	5	52K3300	21.790	20.510	19.430
● 10VR3	3	2.56 x 1.53 x 2.07"	10	52K3302	21.420	20.160	19.090
● 20VR1	2	5.23 x 1.53 x 4.20"	20	52K4261	50.260	47.300	44.800
● 20VR6	4	5.34 x 1.53 x 4.20"	20	52K3304	51.590	48.550	45.980

(7262)

Purchasing Filters?
Don't forget about our selection
of Fans & Blowers



**RELATED
ITEMS**

on pages 1462-1464

S, V, W SERIES RFI FILTERS



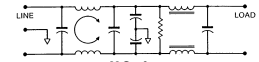
**Tyco
Electronics**



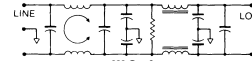
3, 6, 10 Amps



20 Amps



V Series



W Series



S Series

These RFI filter series combine line-to-ground interference rejection filters with additional circuitry designed to reduce low frequency line-to-line noise and add a balance N = 3 ("PI") line-to-line filter with high rejection at low frequency to the N = 2 ("L") and N = 3 ("T") sections to eliminate line-to-ground. Particularly effective when applied in equipment using switching type power supplies. SCR and TTL circuits. Maximum leakage current, line-to-ground at 120VAC/60Hz, 0.5mA; at 250VAC/50Hz, 1.0mA. UL recognized, CSA certified, VDE approved.

S SERIES

Mfg. Part No.	H x W x D	Amps	Stock No.	Price Each			
				1-24	25-49	50-99	100-249
● 3VS1	1.16 x 1.82 x 3.36"	3	52K4491	25.470	24.080	22.680	21.050
● 6VS1	1.53 x 2.08 x 3.86"	6	52K3866	25.470	24.080	22.680	21.050
● 10VS1	1.53 x 2.08 x 3.86"	10	52K4492	30.010	28.360	26.720	24.800
● 20VS1	1.53 x 4.20 x 5.23"	20	52K4493	66.340	62.700	59.070	54.830

V SERIES

Mfg. Part No.	H x W x D	Amps	Stock No.	Price Each			
				1-24	25-49	50-99	100-249
● 3V1	1.28 x 1.82 x 3.36"	3	52K4494	28.800	27.220	25.650	23.810
● 10V1	1.53 x 2.08 x 3.86"	10	52K4495	32.480	30.700	28.920	26.850
● 20V1	1.53 x 4.20 x 5.23"	20	52K3868	69.380	65.580	61.780	57.340

➔ CONTINUED ➔

RFI FILTERS

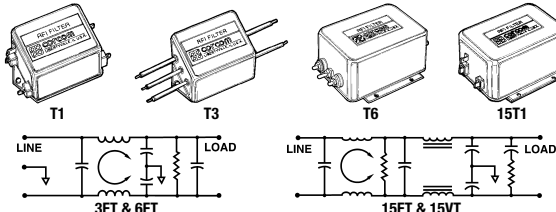
S, V, W SERIES RFI FILTERS (CONT.)

W SERIES

Mfg. Part No.	H x W x D	Amps	Stock No.	Price Each			
				1-24	25-49	50-99	100-249
● 6VW1	1.53 x 2.08 x 3.86"	6	52K4496	30.360	28.690	27.030	25.090
● 10VW1	1.53 x 2.08 x 3.86"	10	52K3870	34.800	32.900	30.990	28.760
● 20VW1	1.53 x 4.20 x 5.23"	20	52K4497	70.960	67.070	63.180	58.650

(7374)

T SERIES RFI FILTERS



T series ET and VT models provide superior common-mode and differential-mode attenuation in a small package. These filters are effective for very noisy equipment that must meet the emission limits of FCC Parts 15 and 18, or VDE 0871 A-level. In some instances, these filters can help bring equipment into compliance with VDE 0871 B-level. Meets the low leakage current requirements of SEV, VDE portable equipment, and (120 volt) UL544 non-patient medical equipment. Maximum leakage current line-to-ground for ET models at 120VAC/60Hz is 0.30mA; at 250VAC/50Hz is 0.50mA. For VT models at 120VAC/60Hz is 0.75mA (10A) and 1.25mA (15A); at 250VAC/50Hz is 1.25mA (10A) and 2.10mA (15A). Use for both line-to-ground (2250VDC hipot rating) and line-to-line (1450VDC hipot rating) application. UL recognized, CSA certified, VDE approved and SEV approved except all 15A models and style T7, and VT models. Medical version available. Go online or call.

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each		
				1-24	25-49	50-99
● 3ET1	3.56 x 1.81 x 2.15"	3	52K4499	42.990	40.640	38.280
● 6ET1	3.56 x 1.81 x 2.15"	6	52K4500	39.140	36.990	34.850
● 6ET3	2.55 x 1.81 x 2.15"	6	52K3871	43.430	39.140	37.530
● 6EHT1	3.56 x 1.81 x 2.15"	6	52K4509	38.530	36.420	34.300
● 10ET1	4.69 x 1.80 x 2.27"	10	52K4501	54.120	51.150	48.190
● 15ET6	5.95 x 2.18 x 3.96"	15	52K3308	86.660	78.100	74.890
● 15EHT1	5.45 x 2.18 x 3.12"	15	52K4267	86.490	77.950	74.740
● 10VT1	4.69 x 1.80 x 2.27"	10	52K3874	62.720	56.530	54.210
● 15VT1	5.45 x 2.18 x 3.96"	15	52K3875	82.500	74.350	71.300

(7281)

FN350 SERIES HIGH POWER FILTER FOR DRIVES



Mfg. Part No.	Current Rating (A)	L (mH)	C _x (μF)	C _y (nF)	Stock No.	Price Each	
						1-4	5-9
● FN350-55-33	55	1	4.4	33	85K8075	320.630	315.240
● FN350-12-29	12	7.5	2.2	10	85K8072	188.680	185.510

(79522)

FN 2090 SERIES MULTISTAGE EMI FILTERS WITH HIGH ATTENUATION PERFORMANCE



Just Added

- Features**
- Current ratings from 1 to 20A
 - Two stage filter
 - Very high differential and common mode attenuation
 - Optional medical versions (B type)
 - Optional overvoltage protection

COMMERCIAL VERSIONS

Mfg. Part No.	Amps	L (mH)	C _x (μF)	C _y (nF)	Stock No.	Price Each	
						1-24	100-249
● FN2090-1/06	1	20	0.22	2.2	06M3260	23.400	23.400
● FN2090-3/06	3	14	0.33	3.3	06M3266	23.400	23.400
● FN2090-4/06	4	14	0.33	3.3	06M3267	23.400	23.400
● FN2090-6/06	6	8	0.47	4.7	99K1473	27.750	27.750
● FN2090-8/06	8	8	0.47	4.7	06M3268	27.750	27.750
● FN2090-10/06	10	8	0.47	4.7	06M3261	37.230	37.230
● FN2090-12/06	12	4	1	10	06M3262	39.130	39.130
● FN2090-16/06	16	4	1	10	06M3263	69.250	69.250
● FN2090-20/06	20	2.7	1	10	06M3265	83.130	83.130

➔ CONTINUED ➔

FN 2090 SERIES MULTISTAGE EMI FILTERS WITH HIGH ATTENUATION PERFORMANCE (CONT.)

MEDICAL VERSIONS

Mfg. Part No.	Amps	L (mH)	C _x (μF)	C _y (nF)	Stock No.	Price Each	
						1-24	100-249
● FN2090B-3/06	3	14	0.33	...	06M3270	23.400	23.400
● FN2090B-6/06	6	8	0.47	...	06M3271	27.750	27.750
● FN2090B-12/06	12	4	1	...	06M3269	39.130	39.130

(89357)

FN2030 SERIES GENERAL-PURPOSE EMI FILTER WITH HIGH ATTENUATION PERFORMANCE



Just Added

- Features**
- Current ratings from 1 to 30A
 - High performance filter attenuation
 - High differential mode attenuation
 - Optional medical versions (B type)
 - Optional safety versions (A type)
 - Optional overvoltage protection



COMMERCIAL VERSIONS

Mfg. Part No.	Amps	L (mH)	C _x (μF)	C _y (nF)	Stock No.	Price Each	
						1-24	100-249
● FN2030-1/06	1	20	0.22	2.2	06M3247	16.950	16.950
● FN2030-3/06	3	14	0.33	3.3	06M3252	16.950	16.950
● FN2030-4/06	4	14	0.33	3.3	06M3254	16.950	16.950
● FN2030-6/06	6	8	0.47	4.7	06M3255	16.950	16.950
● FN2030-8/06	8	8	0.47	4.7	06M3256	17.580	17.580
● FN2030-10/06	10	8	0.47	4.7	06M3248	20.200	20.200
● FN2030-12/06	12	4	1	10	06M3249	20.930	20.930
● FN2030-16/06	16	4	1	10	06M3250	24.000	24.000
● FN2030-20/06	20	4	1	10	06M3251	26.650	26.650

MEDICAL VERSIONS

● FN2030B-3/06	3	14	0.33	...	06M3258	16.950	16.950
● FN2030B-6/06	6	8	0.47	...	06M3259	16.950	16.950
● FN2030B-12/06	12	4	1	...	06M3257	20.930	20.930

(89356)

MULTI-SECTION EMI FILTER

Applications

- Commercial & Military/ Aerospace
- Secured Communications
- Switching Power Supplies

Specifications

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

Type 1212 is a 12-channel multisection EMI filter designed to meet MIL-F-15733. Excellent insertion loss characteristics up to 1GHz.

MINIMUM INSERTION LOSS (db) PER MIL-STD-220

Mode (max)	50K	150K	300K	1M	10M	100M	1G
Common	...	70	80	80	80	80	80
Differential	...	80	80	80	80	...	...

Mfg. Part No.	Stock No.	Price Each	
		1-4	100-249
1212-0502	19F3067	262.100	262.100

(7449)

Find application notes—fast.

(94645)

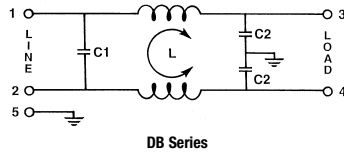
Visit our information-rich portal designed for engineers & techs at www.newark.com/edworld

RFI FILTERS • SINGLE-PHASE FILTERS

EMI/RFI FILTERS



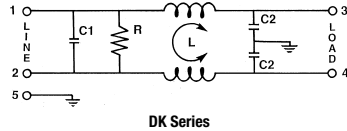
DB Series



DB Series



DK Series



DK Series



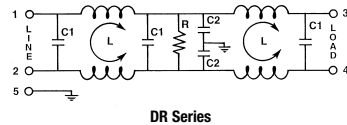
DP Series



DP Series



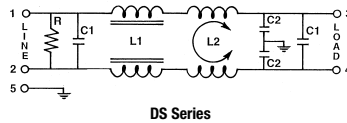
DR Series



DR Series



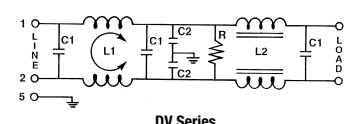
DS Series



DS Series



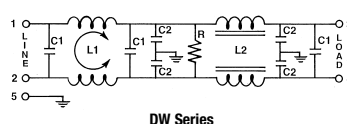
DV Series



DV Series



DW Series



DW Series

Features:

- DR, DS, DV, and DW Series are 2-Stage Filters

Specifications:

- Voltage Rating: 115/250V
- Operating Frequency: 50/60Hz
- Hipot Rating (1 Minute):
- Line-to-Ground: 2250VDC; Line-To-Line: 1450VDC
- Operating Temperature: -25°C to +85°C
- UL Recognized
- CSA Certified
- VDE Approved

DB SERIES GENERAL-PURPOSE FILTERS

Mfg. Part No.	Amps	L ₁ mH	L ₂ mH	Stock No.	Price Each		
					1-24	25-49	50-99
• SPC20192	5	2.9	...	83K9642	12.520	10.860	9.630
• SPC20193	10	1.5	...	83K9643	16.140	14.000	12.420
	20	0.7	...	95B0897	20.060	17.400	15.430
• SPC20194	20	0.7	...	83K9644	20.060	17.400	15.430
• SPC20203*	20	0.7	...	83K9653	24.850	21.550	19.120

DK SERIES GENERAL-PURPOSE FILTERS, R: 2.2MΩ

• SPC20195	3	3.2	...	83K9645	17.120	14.850	13.170
• SPC20186	10	1.7	...	83K9636	19.800	17.170	15.230
• SPC20204	20	1.7	...	83K9654	38.310	33.230	29.470

DP SERIES SWITCHING TRANSIENT FILTERS

• SPC20201	3	10	10	83K9651	37.440	32.480	28.800
------------	---	----	----	---------	--------	--------	--------

DR SERIES HIGH-PERFORMANCE FILTERS, R: 2.2MΩ; C_p: 3300pF

• SPC20196	2	2.4	...	83K9646	28.020	24.300	21.550
• SPC20197	3	1.7	...	83K9647	30.310	26.290	23.320

▶ CONTINUED ▶

EMI/RFI FILTERS (CONT.)

DR SERIES HIGH-PERFORMANCE FILTERS, R: 2.2MΩ; C_p: 3300pF

Mfg. Part No.	Amps	L ₁ mH	L ₂ mH	Stock No.	Price Each		
					1-24	25-49	50-99
• SPC20198	5	1.6	...	83K9648	28.920	25.080	22.250
• SPC20202*	5*	1.6	...	83K9652	31.220	27.080	24.020
• SPC20199	10	1.0	...	83K9649	30.730	26.650	23.640
• SPC20200	20	1.0	...	83K9650	65.870	57.130	50.670

DS SERIES MULTIPURPOSE POWER LINE FILTERS, R: 330kΩ; C_p: 5500pF

• SPC20187	10	0.22	...	83K9637	23.300	20.210	17.930
• SPC20189	20	0.22	...	83K9639	41.660	36.140	32.050

DV SERIES MULTIPURPOSE POWER LINE FILTERS, R: 330kΩ; C_p: 5500pF

• SPC20190	10	0.22	...	83K9640	24.360	21.130	18.740
------------	----	------	-----	---------	--------	--------	--------

DW SERIES MULTIPURPOSE POWER LINE FILTERS, C_p: 3300pF

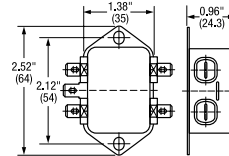
• SPC20188	6	0.22	...	83K9638	24.430	21.190	18.800
• SPC20191	10	0.22	...	83K9641	24.430	21.190	18.800

*Threaded terminals (50072)

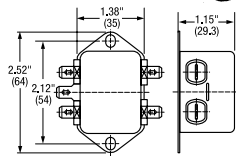
FN2000 SERIES COMPACT SINGLE-PHASE FILTERS



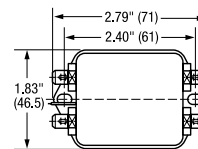
safety for electronic systems



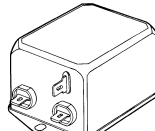
FN2010



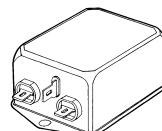
FN2020



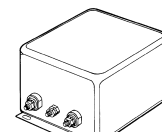
FN2060



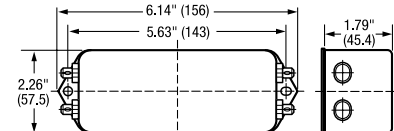
FN2070



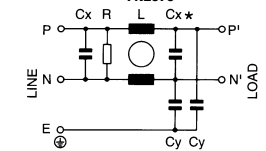
FN2010



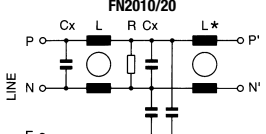
FN2060



FN2070



* Not in FN2010



* Differential mode in FN2080

FN2060/70/80

For general-purpose filtering requirements. Compact form factor for applications in which space is at a premium including precision instrumentation, switched-mode power supplies and motor drives. All are provided in chassis-mount metal housings. Mfg. part nos. ending in -06 have industry-standard size fast-on connection.

COMPACT SINGLE X-CAPACITOR FILTER

Mfg. Part No.	Amps	L (mH)	Cx (μF)	Cy (nF)	Stock No.	Price Each
						1-24
• FN2010-1-06	1	12	0.1	4.7	66F8733	13.150
• FN2010-10-06	10	0.8	0.1	4.7	66F8736	13.150
• FN2010-12-06	12	0.7	0.1	4.7	66F8737	13.150
• FN2010-20-06	20	0.6	0.1	4.7	85K8035	19.280
• FN2010-30-08	30	0.67	0.47	4.7	66F8740	43.350

▶ CONTINUED ▶

SINGLE-PHASE FILTERS • TWO-PHASE FILTERS

FN2000 SERIES COMPACT SINGLE-PHASE FILTERS (CONT.)

COMPACT DUAL X-CAPACITOR FILTER

Mfg. Part No.	Amps	L (mH)	Cx (μF)	Cy (nF)	Stock No.	Price Each
						1-24
● FN2020-1-06	1	12	0.15	4.7	66F8741	16.100
● FN2020-3-06	3	1	1.5	10	66F8742	16.100
● FN2020-6-06	6	1	0.15	4.7	66F8743	16.100
● FN2020-10-06	10	0.8	0.15	4.7	01M7865	16.100
● FN2020-12-06	12	0.7	0.15	4.7	85K8038	15.550
● FN2020-16-06	16	0.65	0.15	4.7	85K8039	22.800
● FN2020-20-06	20	0.6	0.15	4.7	66F8747	23.600
● FN2020-30-08	30	0.67	0.47	10	04M4520	51.980

COMPACT DUAL X-CAPACITOR 2 INDUCTOR FILTER

Mfg. Part No.	Amps	2*L (mH)	2*Cx (μF)	Cy (nF)	Stock No.	Price Each
						1-24
● FN2060-6-06	6	0.97	0.22	4.7	85K8045	21.450
● FN2060-12-06	12	0.58	0.47	4.7	93K6558	23.600
● FN2060-16-06	16	0.65	0.33	4.7	85K8042	49.600
● FN2060-20-06	20	0.6	1	4.7	66F8755	50.950
● FN2060-20-08	20	0.6	1	4.7	85K8043	56.300
● FN2060-30-08	30	0.6	1	10	85K8044	89.830

HIGH-PERFORMANCE DUAL X-CAPACITOR 2 INDUCTOR FILTER

Mfg. Part No.	Amps	2*L (mH)	2*Cx (μF)	Cy (nF)	Stock No.	Price Each
						1-24
● FN2070-1-06	1	22	0.33	4.7	66F8757	26.180
● FN2070-3-06	3	9.8	0.47	4.7	66F8758	26.280
● FN2070-6-06	6	7.8	1	4.7	66F8759	35.930
● FN2070M-6-06	6	7.8	1	4.7	91B2287	35.930
● FN2070-10-06	10	4.5	1	4.7	93K7561	51.750
● FN2070-12-06	12	3.25	1	4.7	85K8046	51.750
● FN2070-16-06	16	2.8	1	4.7	85K8047	82.850

MULTISTAGE FILTER WITH DIFFERENTIAL INDUCTOR

Mfg. Part No.	Amps	L (mH)	L1 (mH)	Cx (μF)	Cy (nF)	Stock No.	Price Each
							1-24
● FN2080-10-06	10	4.5	0.06	1	4.7	66F8765	38.350

(7562)

SINGLE AND TWO PHASE EMC/RFI FILTERS FOR INDUSTRIAL ELECTRONICS



SAFETY FOR ELECTRONIC SYSTEMS



Features

- Excellent filter performance for applications with high interference levels
- Filters for two-phase supply up to 2x 520VAC (P-P) available
- Fast and comfortable snap-in installation on TS 35 DIN rails up to 45A
- Industrial grade terminal blocks for unsurpassed electrical safety



FLANGE MOUNT

Mfg. Part No.	Current Rating (A)	Power Loss (W)	Stock No.	Price Each	
				1-99	100-499
● FN2410-8-44	8	2.6	52K7380	47.470	37.470
● FN2410-16-44	16	3.5	52K7376	54.970	43.400
● FN2410-25-33	25	5.5	52K7377	63.880	50.430
● FN2410-32-33	32	5.6	60K9651	70.230	55.440
● FN2410-45/33	45	7.4	60K0024	71.410	56.370
● FN2410-60-34	60	5.5	60K9652	148.740	117.420
● FN2410-80-34	80	9.9	60K9653	165.270	130.470
● FN2410-100-34	100	15.4	60K9650	183.640	144.980

TS 35 DIN RAIL MOUNT

● FN2412-8-44	8	2.6	55K4653	57.020	45.020
● FN2412-16-44	16	3.5	57K2955	64.240	50.720
● FN2412-25-33	25	5.5	57K2960	72.190	56.990
● FN2412-32-33	32	5.6	60K9662	78.780	62.190
● FN2412-45-33	45	7.4	60K9663	86.890	68.600

(88719)

SRB SERIES SINGLE PHASE SHIELDED LINE FILTER



Features

- Operating Voltage: 250VAC
- Current Rating: 15A max.
- Frequency: DC to 300Hz
- Operating Temperature: -25°C to +85°C

15SRB1 Type

Mfg. Part No.	Capacitance (μF)	Stock No.	Price Each	
			1-24	25-49
● 15SRBS1		88K2408	1.780	1.680
● 15SRBS1-S	220	88K2409	2.190	2.070
● 15SRBS1-T	330	88K2410	2.220	2.090
● 15SRBS1-X	1000	88K2411	2.220	2.090

15SRBS8

● 15SRBS8		88K2412	2.130	2.010
● 15SRBS8-Q	33	88K2413	4.620	4.370
● 15SRBS8-R	100	88K2414	2.370	2.240
● 15SRBS8-W	470	88K2415	2.410	2.280
● 15SRBS8-X	1000	88K2416	2.300	2.180

15SRBS8

● 15SRB1		88K2417	1.600	1.520
● 15SRB1-Q	33	88K2418	4.320	4.080
● 15SRB1-Z	3300	88K2419	2.570	2.430

15SRB8

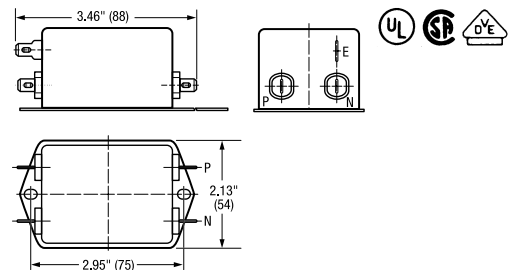
● 15SRB8		88K2420	1.890	1.780
● 15SRB8-Q	33	88K2421	4.360	4.120
● 15SRB8-R	100	88K2422	2.150	2.030
● 15SRB8-S	220	88K2423	2.150	2.030
● 15SRB8-T	330	88K2424	2.170	2.050
● 15SRB8-W	470	88K2425	2.190	2.070
● 15SRB8-X	1000	88K2426	2.390	2.260

(94354)

FN660 AND FN670 SERIES 2-STAGE FILTERS



SAFETY FOR ELECTRONIC SYSTEMS



High-performance filters for tough EMI problems. **FN 660 series** is rated to 20A for large systems. Maximum leakage current is 0.5mA @ 220VAC/50Hz. **FN 670 series** has higher component values for high frequency common and differential mode attenuation. Industry-standard mounting with 0.250" faston I/O. UL listed, CSA certified, VDE approved.

FN660 SERIES

Mfg. Part No.	Amps	L (mH)	Cx ₂ (μF)	Cy (pF)	Stock No.	Price Each	
						1-9	10-24
● FN660-1/06	1	3	0.15	2200	85K8091	26.360	22.940
● FN660-6/06	6	0.75	0.15	2200	97F8228	18.530	16.130
● FN660-10/06	10	0.45	0.15	2200	97F8229	23.170	20.170
● FN660-16/10	16	0.44	0.15	2200	07J1078	43.740	38.070
● FN660-16/06	16	0.44	0.15	2200	97F8230	41.420	36.050
● FN660-20/10	20	0.48	0.15	2200	73C6834	60.540	52.690
● FN660-20/06	20	0.48	0.15	2200	85K8092	55.330	48.160

FN670 SERIES

● FN670-3/06	3	12.2	0.47	2200	85K8095	34.190	29.760
● FN670-6/06	6	7	0.47	2200	85K8096	34.190	29.760

(28130)

Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

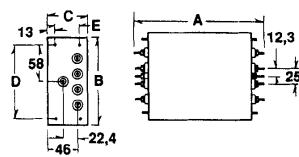
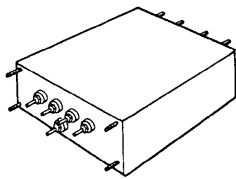
(94668)

TWO-PHASE FILTERS • THREE-PHASE FILTERS

EMC SERIES DUAL STAGE
RFI POWER LINE FILTERS

Mfg. Part No.	Current Rating (A)	Terminal Type	Dimensions	Stock No.	Price Each	
					1-24	25-49
● 6EMC1	6	Straight 1/4" O.C.	3.85 x 2.07 x 1.16"	09J4735	20.630	19.500
● 15EMC3	15	Wire Leads	3.69 x 2.25 x 1.78"	09J4728	36.290	34.300

(80151)

SERIES A 3-PHASE RFI
POWER LINE FILTERS

High attenuation in WYE/Delta applications for switching power supplies. Maximum operating voltage 440V, with a suppression range from 50Hz. Maximum leakage current line/ground: 3.4mA at 250VAC, 50Hz.

		Dimensions (mm)					Price Each		
Mfg. Part No.	Amps	A	B	C	D	E	Stock No.	1-4	5-14
● 20AYP6C	20	224.0	141.5	65.0	117.2	38.1	52K4523	216.110	201.380
● 30AYP6C	30	224.0	141.5	65.0	117.2	38.1	52K4524	221.780	206.660
● 30AYT6C	30	224.0	141.5	65.0	117.2	38.1	52K3895	290.070	270.290
● 60AYP6C	60	239.5	175.8	122.4	151.1	95.3	52K4525	301.490	280.940
● 60AYT6C	60	351.3	175.8	122.4	151.1	95.3	52K4527	438.330	408.450

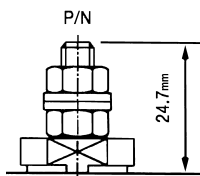
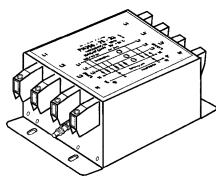
LOW CURRENT 3-PHASE RFI FILTER

Designed for 3-phase, four wire, WYE applications providing filtering in each of the three lines plus neutral. Maximum leakage current line/ground: 3.0mA at 250VAC, 50Hz.

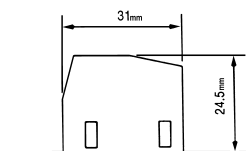
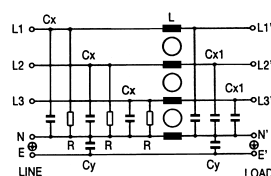
Mfg. Part No.	Amps	Dimensions (mm)					Stock No.	Price Each	
		A	B	C	D	E		1-4	5-14
● 20AYP6C	20	85.6	52.5	38.7	74.63	85.1	52K4523	216.110	201.380

(7286)

HIGH-CURRENT FILTERS



Mfg. Part No. FN356-xx-24
M6 screw lead through



Mfg. Part No. FN356-xx-33 safety terminal
block for 10mm² or AWG6 cables

FN356 series filters for high-current applications. Fully compliant with IEC 950, ideal for mainframe computer systems. Single-stage LCR circuit for each phase, neutral line provides high attenuation of symmetrical and asymmetrical interference. Max. voltage: 440VAC @ 40°C. Operating frequency: DC to 60Hz @ 40°C. UL recognized, CSA certified, VDE approved, SEV approved.

Mfg. Part No.	Amps	Power Loss	L (mH)	Cx (μF)	Cy (pF)	Stock No.	Price Each	
							1-4	5-14
● FN356-25-33	25	28	1.3	2	2	88F2319	364.880	
● FN356-36-33	36	30	0.95	2	2	85K8088	396.420	
● FN356-50-24	50	13	0.55	2	2	85K8089	527.040	

(31173)

FN3025/26 SERIES
COMPACT 3-PHASE LOW
LEAKAGE PLASTIC
FILTERS

Just Added



FN3025 Type



FN3026 Type

FN3025/26 series offer a extremely compact 3-Phase filtering solution that is ideal for motor and servo drives. Terminals include captive hinged covers at no extra cost. They are also compatible with tough leakage and sensitive earth leakage detector requirements. Housed in a plastic without the use of potting compounds makes these units environmentally friendly. Rated 520VAC, 50/60Hz.

CHASSIS MOUNT

Mfg. Part No.	Current Rating (A)		Power Rating (kW)	Leakage Current (mA)	Power Loss (W)	Stock No.	Price Each	
	@ 50 °C	@ 40 °C					1-9	10-49
● FN3025HL-20/71	20	21.9	11	0.4	5.2	33M8449	79.050	
● FN3025HL-30/71	30	32.8	18.5	0.4	6.2	33M8450	94.860	
● FN3025HL-50/72	50	54.7	30	0.4	9.4	33M8451	106.080	
● FN3025HP-20/71	20	21.9	11	2.5	5.2	33M8452	86.960	
● FN3025HP-30/71	30	32.8	18.5	2.5	6.2	33M8453	104.350	
● FN3025HP-50/72	50	54.7	30	2.5	9.4	33M8454	116.690	

DIN RAIL MOUNT

● FN3026HL-20/71	20	21.9	11	0.4	5.2	33M8455	85.380
● FN3026HL-30/71	30	32.8	18.5	0.4	6.2	33M8456	102.450
● FN3026HP-20/71	20	21.9	11	2.5	5.2	33M8457	93.910
● FN3036HP-30-71	30	32.8	18.5	2.5	6.2	33M8458	102.450

(90473)

FN3258 SERIES ULTRA-
COMPACT 3-PHASE
FILTER

Features

- 7 to 180A current ratings
- Exceptional attenuation from 150 kHz to 30 MHz
- Excellent saturation resistance to 50 m cable length
- Very compact footprint and low weight.

Mfg. Part No.	Current Rating (A)	Leakage Current (mA)	Power Loss (W)	I/O	Stock No.	Price Each	
						1-4	5-14
● FN3258-7/45	7	33.04	3.8	45	85K8070	106.830	

(79520)

Download RoHS Certificates of Compliance.

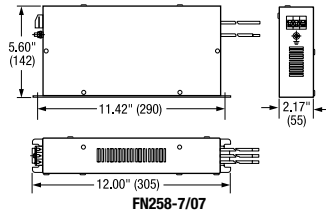


Find C of Cs in the
Tech Info column
on our search results
pages. Visit us online
today.

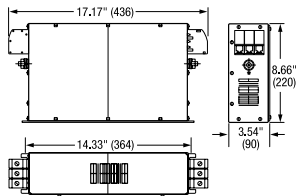
(94662)

THREE-PHASE FILTERS

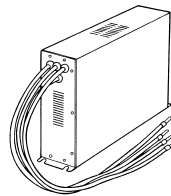
3-PHASE VARIABLE FREQUENCY MOTOR DRIVE FILTERS



FN258-7/07



FN258-100-35



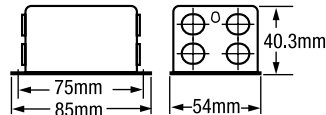
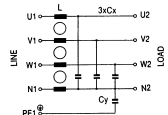
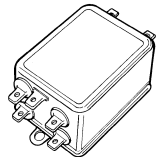
FN258-7/07

3-phase filter designed for variable frequency motor drives. 480VAC rated two-stage design is optimized for drives with output cable lengths to 150' (50m). Current ratings range from 7 to 180A. Use in applications to bring systems with variable frequency motor drives into compliance with EN55011 and EN55014. Last two digits indicates the connector output, go online or call.

Mfg. Part No.	I (A)	Power Loss	L (mH)	Cx (μF)	Cy (pF)	Stock No.	Price Each		
							1-24	25-49	50-99
● FN258-16/07	16	20	3	5.9	1.5	85K8055	258.050	216.770	196.120
● FN258-16-29	16	20	3	5.9	1.5	88F3498	271.650	228.190	206.460
● FN258-30/07	30	19	2	6.6	2.2	85K8057	301.830	253.540	229.390
● FN258-30/33	30	19	2	6.6	2.2	85K8058	335.350	281.700	254.870
● FN258-42/07	42	30	1.5	6.6	2.3	85K8060	518.980	435.940	394.430
● FN258-55/07	55	31	1.1	6.6	2.3	85K8061	546.280	458.880	415.170
● FN258-75-34	75	23	0.9	6.6	2.3	85K8064	697.150	585.610	529.840
● FN258-100-35	100	41	0.9	6.6	2.3	85K8054	723.980	608.140	550.230
● FN258-130/35	130	50	0.6	11	2.3	50B6991	804.400	675.700	611.350

*Mfg. part nos. with an L suffix indicates a lower leakage current of 0.8mA (7563)

FN355 SERIES LOW-CURRENT 3-PHASE FILTERS

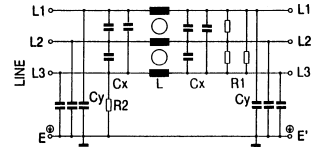
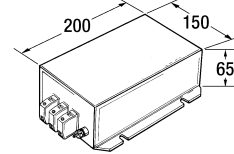


Low current 3-phase filters for 4-wire applications to 440VAC. Filters have 3 phases plus neutral. Compact size unit is only 3.4 x 2.1 x 1.6". Low leakage current to ground.

Mfg. Part No.	Amps	L (mH)	Cx (μF)	Cy (pF)	Stock No.	Price Each	
						1-9	
● FN355-3/05	3	1	0.1	4700	91F4401	61.630	

(15632)

FN351 SERIES HIGH-PERFORMANCE 3-PHASE FILTERS

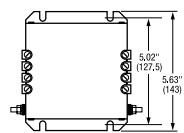
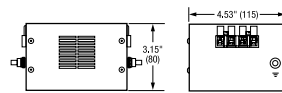


Ideal for variable frequency inverters and motor drives, these 3-wire filters feature high differential and common mode attenuation. Fully insulated safety contacts for blind installations. High leakage current to ground. Must be installed in a wired ground industrial environment. Rated 440VAC, 50/60Hz. UL recognized.

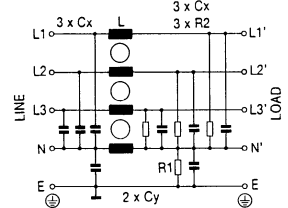
Mfg. Part No.	Amps	L (mH)	Cx (μF)	Cy (pF)	Stock No.	Price Each	
						1-4	
● FN351H-25-33	25	2.2	3	1.7	85K8083	327.720	
● FN351-25/33	25	2.2	4.4	1.8	85K8077	284.970	
● FN351-36/33	36	1.3	4.4	1.8	91F4407	297.310	
● FN351H-50/33	50	0.8	3.3	2	83F5424	341.140	
● FN351-64/33	64	0.65	4.4	2	07J1076	358.670	
● FN351-80/34	80	0.85	6.7	2.2	93K7565	622.930	
● FN351H-110/35	110	0.5	6.1	2.2	85K8080	1024.060	
● FN351-110/35	110	0.5	6.1	2.2	83F5417	703.170	

(15635)

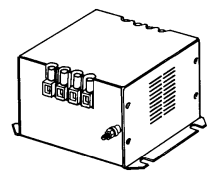
FN256 SERIES HIGH-CURRENT 3-PHASE FILTERS



FN256-8/46



FN256-8/46



FN256-16/46

Designed for unbalanced loads, these 3-phase 4-wire filters have over 40dB of common mode and differential mode attenuation from 150kHz to 10MHz. Fully insulated screw clamp terminals for safe installation. Lightweight package for easy mounting on panels. Rated 440VAC, 50/60Hz.

Mfg. Part No.	Amps	L (mH)	Cx (μF)	Cy (pF)	Stock No.	Price Each	
						1-4	
● FN256-8/46	8	1.78	2.2	0.19	91F4396	165.810	
● FN256-16/46	16	1.14	2.2	0.19	85K8051	173.400	
● FN256-25/47	25	1.57	4.4	0.19	91F4398	207.930	
● FN256-36/47	36	1.1	4.4	0.19	85K8052	265.190	
● FN256-64/52	64	1.0	4.4	0.19	91F4400	373.570	

(15631)



(94659)

Go online for 200,000+ datasheets.

Click on this symbol in your search results for more technical information. Visit us [online](#) today.

SOLDER-IN FILTERS

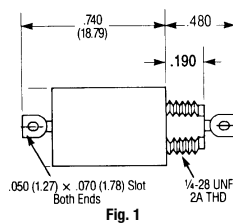
COAXIAL HERMETIC STYLE BUSHING MOUNT
EMI FILTERS

Fig. 1

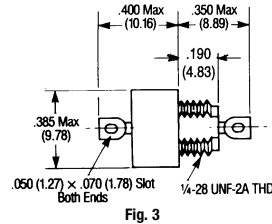


Fig. 3

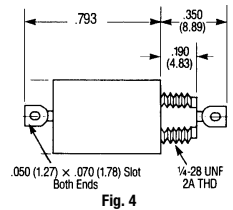


Fig. 4

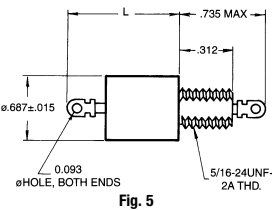


Fig. 5

L SECTION

Mfg. Part No.	Fig.	VDC @ 85°C	Rated Current (A)	Min. Ins. Loss @ 25°C		Stock No.	Price Each	
				300 kHz	10 MHz		1-4	5-9
9200-300-0025	1	80	10	33	60	87F1351	32.140	30.600
9053-100-0001	3	80	15	34	60	93F2012	42.880	40.820

PI SECTION

Mfg. Part No.	Fig.	VDC @ 85°C	Rated Current (A)	Min. Ins. Loss (-55°C to +125°C)			Stock No.	Price Each	
				1MHz	10 MHz	1GHz		1-4	5-9
9001-100-1010	4	150	0.5	80	80	80	10F8142	75.500	71.880
9001-100-1017	4	150	5.0	80	80	80	19F681	74.990	71.390
9001-100-1025	4	250	5.0	43	80	80	19F683	76.210	72.550
51-322-009	5	300	15	36	60	70	16F9385	131.170	124.880

(7447)

Best products, great value.



NO MINIMUM ORDER FEES

We offer the broadest in-stock selection
PLUS access to millions more products online.
Visit us online or call us today.

(94651)

RESIN-SEALED/SOLDER-IN FILTERS

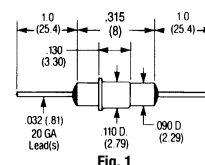
SPECTRUM CONTROL INC.
A Control Products and Systems Company

Fig. 1

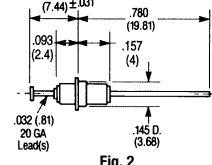


Fig. 2

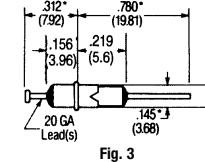


Fig. 3

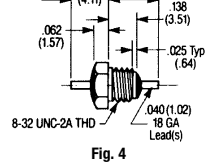


Fig. 4

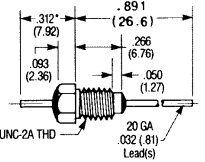


Fig. 5

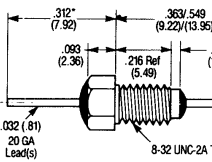


Fig. 6

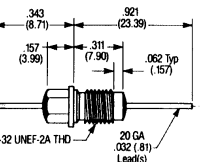


Fig. 7

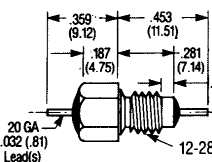


Fig. 8

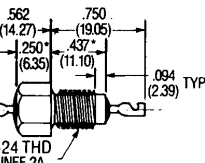


Fig. 9

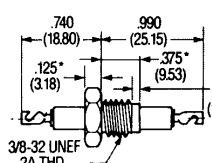


Fig. 10

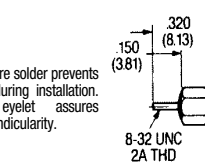


Fig. 11

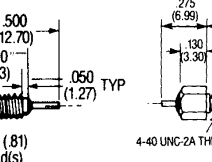


Fig. 12

High-temperature solder prevents solder reflow during installation. Silver-plated eyelet assures mounted perpendicularity.

PI SECTION SOLDER-IN MOUNT

Mfg. Part No.	Fig.	Min. Cap. (pF)	VDC (85°C)	Min. Ins. Loss @ 25°C		Stock No.	Price Each	
				10 MHz	1GHz		1-4	5-9
1251-001	1	1500	350	5	70	90F2247	4.370	4.160
1214-001	2	1750	250	5	70	19F687	3.470	3.310
1233-000	3	22K	100	35	70	90F2244	10.490	9.990

PI SECTION BUSHING MOUNT

1250-059	4	1500	250	5	60	90F2250	7.350	7.000
1250F-003	5	3000	200	5	65	79K3816	7.670	7.310
1250-054	6	5000	100	20	70	90F2249	5.800	5.530
1270-025	7	5000	200	20	70	90F2246	5.510	5.240
1270-016	7	5000	200	20	70	19F2456	5.510	5.240
1201-066	8	5500	200	20	70	10F8145	5.340	5.090
1202-052	9	3000	500	70	70	19F2112	11.120	10.580
1202-054	9	3000	500	10	70	10F8149	11.120	10.580
1202-005	9	2000	1000	5	65	10F8148	10.760	10.250
1280-060	10	1500	2500	5	50	19F689	26.290	25.030
1293-001	11	28K	100	75	75	90F2243	11.060	10.530

C SECTION BUSHING MOUNT

9900F-381-6004	12	5000	70	45	55	73K4326	8.840	8.410
9900-381-6020	12	100	300	20	28	90F2269	7.320	6.970

(7446)