

Suppression Chokes — continued

High Power Series - ELC



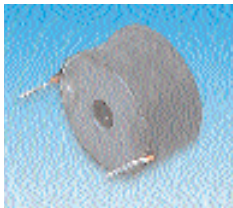
- High power fixed inductors for line noise filtering
- Compact size due to high permeability and high flux density ferrite cores
- Wide inductance range
- Applications include TV, VCR, PCs, Audio, Fax machines etc.

Height above PCB = 13, Dia. = 10
Lead length = 4.0, Lead dia. = 1.0, Fixing pitch = 5.0

Inductance (µH)	Tolerance %	Max. DC Current @ 20°C (A)	DC Resistance @ 20°C (Ω)	Mfrs. List No.	Order Code
2.2	±20	7.2	0.01	ELC08D2R2E	322-7080
2.7	±20	6.3	0.011	ELC08D2R7E	322-7091
3.3	±20	5.7	0.013	ELC08D3R3E	322-7108
3.9	±20	5.0	0.014	ELC08D3R9E	322-7110
4.7	±20	4.3	0.015	ELC08D4R7E	322-7121
5.6	±20	4.1	0.016	ELC08D5R6E	322-7133
6.8	±20	3.8	0.017	ELC08D6R8E	322-7145
8.2	±20	3.6	0.019	ELC08D8R2E	322-7157
10	±20	2.8	0.022	ELC08D100E	322-7169
12	±20	2.7	0.025	ELC08D120E	322-7170
15	±20	2.4	0.028	ELC08D150E	322-7182
18	±20	2.2	0.031	ELC08D180E	322-7194
22	±10	2.0	0.034	ELC08D220E	322-7200
27	±10	1.8	0.039	ELC08D270E	322-7212
33	±10	1.4	0.045	ELC08D330E	322-7224
39	±10	1.3	0.052	ELC08D390E	322-7236
47	±10	1.2	0.067	ELC08D470E	322-7248
56	±10	1.1	0.073	ELC08D560E	322-7250
68	±10	1.0	0.086	ELC08D680E	322-7261
82	±10	0.9	0.11	ELC08D820E	322-7273
100	±10	0.8	0.12	ELC08D101E	322-7285
120	±10	0.75	0.17	ELC08D121E	322-7297
150	±10	0.7	0.2	ELC08D151E	322-7303
180	±10	0.65	0.22	ELC08D181E	322-7315
220	±10	0.6	0.29	ELC08D221E	322-7327
270	±10	0.55	0.36	ELC08D271E	322-7339
330	±10	0.5	0.42	ELC08D331E	322-7340
390	±10	0.45	0.49	ELC08D391E	322-7352
470	±10	0.36	0.61	ELC08D471E	322-7364
560	±10	0.34	0.69	ELC08D561E	322-7376
680	±10	0.32	0.93	ELC08D681E	322-7388
820	±10	0.3	1.1	ELC08D821E	322-7390
1000	±10	0.29	1.3	ELC08D102E	322-7406
1200	±10	0.28	1.6	ELC08D122E	322-7418
1500	±10	0.24	1.9	ELC08D152E	322-7420
1800	±10	0.21	2.5	ELC08D182E	322-7431
2200	±10	0.2	2.8	ELC08D222E	322-7443
2700	±10	0.19	3.7	ELC08D272E	322-7455
3300	±10	0.16	4.4	ELC08D332E	322-7467
3900	±10	0.14	4.9	ELC08D392E	322-7479

Order Code	1+	25+	50+	100+	500+
.All Values					

High Current – 1400 Series



- A range of high current bobbin core inductors for switching regulators, filter and power line applications
- The core is manufactured from a high saturation flux density material, the winding is insulated by a heatshrink sleeve
- The inductors may be PCB mounted or alternatively chassis mounted using the bobbin centre fixing hole
- Tolerance ±10%.

Fixing hole dia. = 4.5
Lead length = 10

Inductance µH	Current (cont.)* A	Resistance Ω	Dimensions		Mfrs. List No.	Order Code
			H	Lead Dia.		
22	11.0	0.012	14.5	24	1.3	1422311
47	8.5	0.023	14.5	24	1.3	1447385
68	6.2	0.035	14.5	24	1.1	1468362
100	5.4	0.046	14.5	24	1.1	1410454
100	7.8	0.033	20.5	30	1.3	1410478
150	4.0	0.076	14.5	24	1.1	1415440
220	3.5	0.106	14.5	24	1.1	1422435
220	5.5	0.063	20.5	30	1.3	1422455
300	3.0	0.140	14.5	24	1.1	1430430
330	2.8	0.165	14.5	24	0.8	1433428
330	4.5	0.100	20.5	30	1.1	1433445
470	2.3	0.244	14.5	24	0.8	1447423
470	4.0	0.129	20.5	30	1.1	1447440
680	2.0	0.304	14.5	24	0.8	1468420
1000	1.6	0.461	14.5	24	0.8	1410516
2200	0.9	1.010	14.5	24	0.5	1422509

* For a temperature rise of <30°C from ambient

FIL175

Value (µH)	Current (A)	Order Code	Price Each					
			1+	10+	25+	50+	100+	250+
22	11	482-560						
47	8.5	482-572						
68	6.2	482-584						
100	5.4	.179-993						
100	7.8	.201-212						
150	4.0	432-040						
220	3.5	.179-994						
220	5.5	.201-224						
300	3.0	432-052						
330	2.8	.179-995						
330	4.5	.201-236						
470	2.3	.179-996						
470	4.0	.201-248						
680	2.0	432-064						
1000	1.6	432-076						
2200	0.9	482-596						

Open Toroidal



- Toroidal Suppression chokes designed for triac control circuits used in speed control, lighting dimmer and similar applications.

Power Handling @ 240V	Inductance mH ±20%	Resistance DCΩ	Inner Dia.	Outer Dia.	Height	Order Code
100W	4.0	1.8	7.5	20	8	581-239
250W	4.0	0.9	7.5	25	10	581-240
400W	2.9	0.5	10	30	12.5	581-252
500W	2.4	0.4	10	32	12.5	581-264

Inductance (mH)	Order Code	Price Each				
		1+	10+	25+	50+	100+
4.0	.581-239					
4.0	.581-240					
2.9	.581-252					
2.4	.581-264					

Common Mode - Low Current



SU9V Series

SU10V Series

- A range of compact high inductance common mode chokes to provide excellent attenuation of RFI.
- Suitable for filtering of power supply rails and use in audio/communication equipment

Voltage rating 250V ac/dc Operating temperature -25°C to +80°C
Frequency range 0.1 to 10MHz Inductance measured at 1kHz @20°C
Insulation resistance 100 MΩ at 500

Current Rating (A)	Inductance (mH) min.	DC Resistance (Ω/line)	Mfrs. List No.	Order Code
0.1A	10	8.0	SU9V-01100	752-769
0.5A	2	1.0	SU9V-05020	752-770
0.7A	1	0.6	SU9V-07010	752-782
1.0A	0.5	0.3	SU9V-10005	752-794
0.5A	5	1.5	SU10V-05050	752-800
1.5A	1	0.2	SU10V-15010	752-812
2.0A	0.6	0.15	SU10V-20006	752-824

FIL181

Current Rating	Order Code	Price Each			
		1+	10+	50+	100+
SU9V Series					
0.1A	752-769				
0.5A	752-770				
0.7A	752-782				
1.0A	752-794				
SU10V Series					
0.5A	752-800				
1.5A	752-812				
20A	752-824				