Chokes — Cylindrical Coil Forms 1537

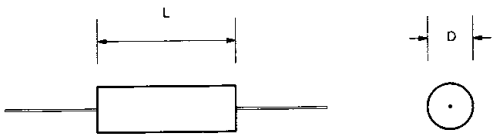
FILTRAN

High current R.F. chokes on cylindrical coil forms with axial leads.

- 1537 is ideally suited for filtering in Switch Mode Power Supplies.
- Overall coil length, 1.25".
- Lead length, 1.5" long.
- Shrink sleeve as outer cover for mechanical protection and electrical insulation.
- Optimum frequency range, 10 KHZ to 2 MHz.
- Other values are available upon request.



MECHANICAL



ELECTRICAL SPECIFICATION

Part No.	Inductance Tol. æ 5%	Q Min.	Test Freq.	DCR Max.	Rated Current Max.	Outside Dia. (D) Inch	Length (L) Inch	Lead Dia. Gauge
1537 E	10 µH	4.5	1 KHz	0.006 Ω	20.0 A	0.63	1.25	14
1537 F	20 µH	6.5	1 KHz	0.013 Ω	12.5 A	0.60	1.25	16
1537 G	30 µH	5.3	1 KHz	0.024 Ω	8.0 A	0.58	1.25	18
1537 H	40 µH	5.2	1 KHz	0.039 Ω	5.0 A	0.57	1.25	20
1537 J	50 µH	3.4	1 KHz	0.064 Ω	3.2 A	0.56	1.25	20
1537 K	75 µH	3.2	1 KHz	0.128 Ω	2.0 A	0.54	1.25	20
1537 L	100 µH	10.5	1 KHz	0.050 Ω	8.0 A	0.71	1.25	18
1537 M	250 µH	12.0	1 KHz	0.114 Ω	5.0 A	0.69	1.25	20
1537 N	500 µH	11.6	1 KHz	0.260 Ω	3.2 A	0.65	1.25	20
1537 P	750 µH	10.0	1 KHz	0.465 Ω	2.0 A	0.61	1.25	20
1537 R	1000 µH	7.4	1 KHz	0.830 Ω	1.2 A	0.59	1.25	20

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