

Chokes Cylindrical Coil Forms 1537

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. \pm 5% | Q Min. | Test Freq. | DCR Max. | Rated Current Max. | Outside Dia. (D) Inch | Length (L) Inch | Lead Dia. Gauge |
|----------|--------------------------|--------|------------|----------------|--------------------|-----------------------|-----------------|-----------------|
| 1537 E | 10 μ H | 4.5 | 1 KHz | 0.006 Ω | 20.0 A | 0.63 | 1.25 | 14 |
| 1537 F | 20 μ H | 6.5 | 1 KHz | 0.013 Ω | 12.5 A | 0.60 | 1.25 | 16 |
| 1537 G | 30 μ H | 5.3 | 1 KHz | 0.024 Ω | 8.0 A | 0.58 | 1.25 | 18 |
| 1537 H | 40 μ H | 5.2 | 1 KHz | 0.039 Ω | 5.0 A | 0.57 | 1.25 | 20 |
| 1537 J | 50 μ H | 3.4 | 1 KHz | 0.064 Ω | 3.2 A | 0.56 | 1.25 | 20 |
| 1537 K | 75 μ H | 3.2 | 1 KHz | 0.128 Ω | 2.0 A | 0.54 | 1.25 | 20 |
| 1537 L | 100 μ H | 10.5 | 1 KHz | 0.050 Ω | 8.0 A | 0.71 | 1.25 | 18 |
| 1537 M | 250 μ H | 12.0 | 1 KHz | 0.114 Ω | 5.0 A | 0.69 | 1.25 | 20 |
| 1537 N | 500 μ H | 11.6 | 1 KHz | 0.260 Ω | 3.2 A | 0.65 | 1.25 | 20 |
| 1537 P | 750 μ H | 10.0 | 1 KHz | 0.465 Ω | 2.0 A | 0.61 | 1.25 | 20 |
| 1537 R | 1000 μ H | 7.4 | 1 KHz | 0.830 Ω | 1.2 A | 0.59 | 1.25 | 20 |