

High Current Chokes



This series is obsolete.

Special Features

- Very high current capacity
- Low DCR
- Ferrite core
- VW-1 rated shrink tubing to cover winding
- Fixed lead spacing
- Operating temperature: -55 to +105 °C

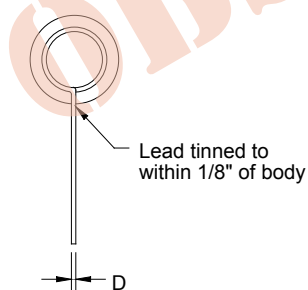
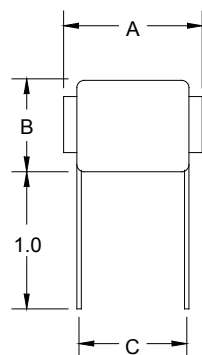
Notes

* Current to cause 5 % max. inductance drop or 35 °C max. temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

| 5500 Series | | | | | | | |
|-------------|----------------------------|------------------|---------------|-------------------|-------------------|-------------------|--------------------|
| Part Number | L (μH) ±20 % @ 1 KHz | DCR Ω Max. | I, DC* (A) | Dim. A Max. | Dim. B Max. | Dim. C ±.06 | Dim. D ±.005 |
| 5501-RC | 5 | 0.013 | 10 | 0.88 | 0.63 | 0.50 | 0.042 |
| 5502-RC | 10 | 0.017 | 9 | 1.12 | 0.63 | 0.69 | 0.042 |
| 5503-RC | 27 | 0.030 | 7 | 0.88 | 0.81 | 0.44 | 0.042 |
| 5504-RC | 50 | 0.045 | 5.6 | 0.88 | 0.81 | 0.75 | 0.042 |
| 5505-RC | 100 | 0.061 | 4.9 | 1.12 | 0.81 | 0.94 | 0.042 |
| 5506-RC | 150 | 0.069 | 4.6 | 1.38 | 0.81 | 1.06 | 0.042 |
| 5507-RC | 250 | 0.089 | 4 | 1.62 | 0.81 | 1.31 | 0.042 |
| 5508-RC | 5 | 0.009 | 14 | 0.88 | 0.64 | 0.75 | 0.053 |
| 5509-RC | 10 | 0.012 | 12 | 1.12 | 0.64 | 1.00 | 0.053 |
| 5510-RC | 27 | 0.022 | 9 | 0.88 | 0.88 | 0.56 | 0.053 |
| 5511-RC | 50 | 0.028 | 8 | 1.12 | 0.88 | 0.75 | 0.053 |
| 5512-RC | 68 | 0.034 | 7.3 | 1.12 | 0.88 | 0.88 | 0.053 |
| 5513-RC | 100 | 0.038 | 6.8 | 1.38 | 0.88 | 1.00 | 0.053 |
| 5514-RC | 150 | 0.046 | 6.3 | 1.62 | 0.88 | 1.25 | 0.053 |
| 5515-RC | 5 | 0.006 | 19 | 1.12 | 0.69 | 0.81 | 0.065 |
| 5516-RC | 10 | 0.008 | 16 | 1.38 | 0.69 | 1.22 | 0.065 |
| 5517-RC | 27 | 0.014 | 12.5 | 1.12 | 0.94 | 0.69 | 0.065 |
| 5518-RC | 50 | 0.020 | 10.5 | 1.38 | 0.94 | 0.94 | 0.065 |
| 5519-RC | 68 | 0.023 | 10 | 1.38 | 0.94 | 1.12 | 0.065 |
| 5520-RC | 100 | 0.027 | 10 | 1.62 | 0.94 | 1.31 | 0.065 |
| 5521-RC | 5 | 0.004 | 23 | 1.38 | 0.72 | 0.94 | 0.082 |
| 5522-RC | 10 | 0.006 | 20 | 1.69 | 0.72 | 1.50 | 0.082 |
| 5523-RC | 27 | 0.010 | 15 | 1.38 | 1.00 | 0.94 | 0.082 |
| 5524-RC | 50 | 0.013 | 15 | 1.62 | 1.00 | 1.12 | 0.082 |

“-RC” suffix indicates RoHS compliance.



Dimensions: Inches