

High Current RF Chokes

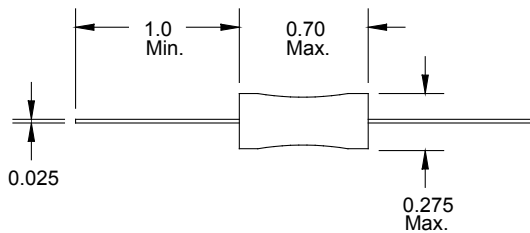
Special Features

- High current capacity
- Low DCR
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Dash No. marking for identification
- Dielectric strength 2500VRMS
- Operating temperature -55 to +105°C
- Test frequency 1KHz

Notes

* Saturation current to cause 10% maximum inductance drop

** Rated current to cause 35°C max. temperature rise



| 5800 Series | | | | |
|-------------|----------------|------------------|----------------|------------------|
| Part Number | L (μH) ±10% | DCR Ω Max. | I sat.* (A) | I rated** (A) |
| 5800-3R9 | 3.9 | 0.019 | 7.3 | 1.28 |
| 5800-4R7 | 4.7 | 0.022 | 6.3 | 1.28 |
| 5800-5R6 | 5.6 | 0.024 | 5.6 | 1.28 |
| 5800-6R8 | 6.8 | 0.026 | 5.3 | 1.28 |
| 5800-8R2 | 8.2 | 0.028 | 4.5 | 1.28 |
| 5800-100 | 10 | 0.033 | 4.1 | 1.28 |
| 5800-120 | 12 | 0.037 | 3.6 | 1.28 |
| 5800-150 | 15 | 0.040 | 3.3 | 1.28 |
| 5800-180 | 18 | 0.044 | 3.0 | 1.28 |
| 5800-220 | 22 | 0.050 | 2.7 | 1.28 |
| 5800-270 | 27 | 0.058 | 2.5 | 1.28 |
| 5800-330 | 33 | 0.075 | 2.2 | 1.008 |
| 5800-390 | 39 | 0.094 | 2.0 | 0.804 |
| 5800-470 | 47 | 0.109 | 1.8 | 0.804 |
| 5800-560 | 56 | 0.140 | 1.7 | 0.804 |
| 5800-680 | 68 | 0.145 | 1.5 | 0.804 |
| 5800-820 | 82 | 0.152 | 1.4 | 0.804 |
| 5800-101 | 100 | 0.208 | 1.2 | 0.632 |
| 5800-121 | 120 | 0.283 | 1.1 | 0.508 |
| 5800-151 | 150 | 0.34 | 1.0 | 0.508 |
| 5800-181 | 180 | 0.362 | 0.95 | 0.508 |
| 5800-221 | 220 | 0.43 | 0.86 | 0.508 |
| 5800-271 | 270 | 0.557 | 0.77 | 0.400 |
| 5800-331 | 330 | 0.665 | 0.70 | 0.400 |
| 5800-391 | 390 | 0.772 | 0.64 | 0.400 |
| 5800-471 | 470 | 1.15 | 0.59 | 0.315 |
| 5800-561 | 560 | 1.27 | 0.54 | 0.315 |
| 5800-681 | 680 | 1.61 | 0.49 | 0.250 |
| 5800-821 | 820 | 1.96 | 0.44 | 0.200 |
| 5800-102 | 1000 | 2.3 | 0.40 | 0.200 |
| 5800-122 | 1200 | 2.65 | 0.35 | 0.200 |
| 5800-152 | 1500 | 3.45 | 0.33 | 0.158 |
| 5800-182 | 1800 | 4.03 | 0.29 | 0.158 |
| 5800-222 | 2200 | 4.48 | 0.27 | 0.158 |
| 5800-272 | 2700 | 5.9 | 0.24 | 0.125 |
| 5800-332 | 3300 | 6.56 | 0.22 | 0.125 |
| 5800-392 | 3900 | 8.63 | 0.20 | 0.100 |
| 5800-472 | 4700 | 10.5 | 0.18 | 0.100 |
| 5800-562 | 5600 | 13.9 | 0.166 | 0.082 |
| 5800-682 | 6800 | 16.3 | 0.151 | 0.082 |
| 5800-822 | 8200 | 20.8 | 0.136 | 0.065 |
| 5800-103 | 10,000 | 26.4 | 0.125 | 0.050 |
| 5800-123 | 12,000 | 29.9 | 0.114 | 0.050 |
| 5800-153 | 15,000 | 42.5 | 0.098 | 0.039 |
| 5800-183 | 18,000 | 48.3 | 0.091 | 0.039 |

Also available as RoHS compliant.

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MAGNETICS

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