

High Current RF Chokes

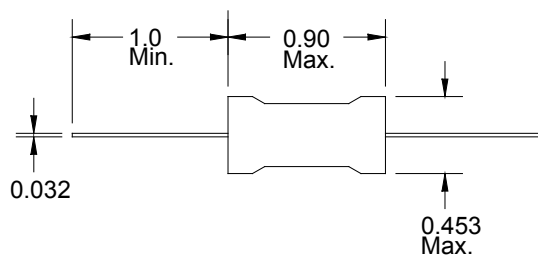
Special Features

- 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



| 5900 Series | | | | |
|-------------|----------------|------------------|----------------|------------------|
| Part Number | L (μH) ±10% | DCR Ω Max. | I sat.* (A) | I rated** (A) |
| 5900-3R9 | 3.9 | 0.007 | 15.5 | 4.0 |
| 5900-4R7 | 4.7 | 0.008 | 13.9 | 4.0 |
| 5900-5R6 | 5.6 | 0.011 | 12.6 | 4.0 |
| 5900-6R8 | 6.8 | 0.011 | 11.6 | 4.0 |
| 5900-8R2 | 8.2 | 0.013 | 9.89 | 4.0 |
| 5900-100 | 10 | 0.017 | 8.70 | 4.0 |
| 5900-120 | 12 | 0.019 | 8.21 | 4.0 |
| 5900-150 | 15 | 0.022 | 7.34 | 4.0 |
| 5900-180 | 18 | 0.023 | 6.64 | 4.0 |
| 5900-220 | 22 | 0.026 | 6.07 | 4.0 |
| 5900-270 | 27 | 0.027 | 5.36 | 4.0 |
| 5900-330 | 33 | 0.032 | 4.82 | 4.0 |
| 5900-390 | 39 | 0.033 | 4.36 | 4.0 |
| 5900-470 | 47 | 0.035 | 3.98 | 4.0 |
| 5900-560 | 56 | 0.037 | 3.66 | 3.2 |
| 5900-680 | 68 | 0.047 | 3.31 | 2.5 |
| 5900-820 | 82 | 0.060 | 3.10 | 2.0 |
| 5900-101 | 100 | 0.090 | 2.79 | 1.6 |
| 5900-121 | 120 | 0.113 | 2.54 | 1.6 |
| 5900-151 | 150 | 0.129 | 2.22 | 1.6 |
| 5900-181 | 180 | 0.150 | 1.98 | 1.6 |
| 5900-221 | 220 | 0.162 | 1.89 | 1.6 |
| 5900-271 | 270 | 0.208 | 1.63 | 1.6 |
| 5900-331 | 330 | 0.212 | 1.51 | 1.6 |
| 5900-391 | 390 | 0.281 | 1.39 | 1.6 |
| 5900-471 | 470 | 0.380 | 1.24 | 1.2 |
| 5900-561 | 560 | 0.420 | 1.17 | 1.0 |
| 5900-681 | 680 | 0.548 | 1.05 | 1.0 |
| 5900-821 | 820 | 0.655 | 0.97 | 0.8 |
| 5900-102 | 1000 | 0.844 | 0.87 | 0.8 |
| 5900-122 | 1200 | 1.04 | 0.79 | 0.6 |
| 5900-152 | 1500 | 1.18 | 0.70 | 0.6 |
| 5900-182 | 1800 | 1.56 | 0.64 | 0.6 |
| 5900-222 | 2200 | 2.00 | 0.58 | 0.5 |
| 5900-272 | 2700 | 2.06 | 0.53 | 0.4 |
| 5900-332 | 3300 | 2.53 | 0.47 | 0.4 |
| 5900-392 | 3900 | 2.75 | 0.43 | 0.4 |
| 5900-472 | 4700 | 3.19 | 0.39 | 0.4 |
| 5900-562 | 5600 | 3.92 | 0.359 | 0.315 |
| 5900-682 | 6800 | 5.69 | 0.322 | 0.250 |
| 5900-822 | 8200 | 6.32 | 0.293 | 0.250 |
| 5900-103 | 10,000 | 7.30 | 0.266 | 0.250 |
| 5900-123 | 12,000 | 9.21 | 0.241 | 0.200 |
| 5900-153 | 15,000 | 10.5 | 0.214 | 0.200 |
| 5900-183 | 18,000 | 14.8 | 0.198 | 0.158 |
| 5900-223 | 22,000 | 21.8 | 0.180 | 0.125 |
| 5900-273 | 27,000 | 22.7 | 0.162 | 0.125 |
| 5900-333 | 33,000 | 25.7 | 0.146 | 0.125 |
| 5900-393 | 39,000 | 31.8 | 0.135 | 0.100 |
| 5900-473 | 47,000 | 36.1 | 0.122 | 0.100 |
| 5900-563 | 56,000 | 40.9 | 0.112 | 0.100 |
| 5900-683 | 68,000 | 57.3 | 0.101 | 0.082 |
| 5900-823 | 82,000 | 79.3 | 0.090 | 0.065 |
| 5900-104 | 100,000 | 89.7 | 0.081 | 0.065 |

Also available as RoHS compliant.

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MAGNETICS

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