

High Current Chokes

Special Features

- Very high current capacity
- Low DCR
- Epoxy coated ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Self-leaded
- Fixed lead spacing
- Center hole for mechanical mounting
- Dielectric withstanding voltage:
2500 Vrms terminal to shrink tube cover;
1000 Vrms terminal to core
- Operating temperature -55 to +105 °C

Notes

* Rated current to cause 50 °C max. temperature rise and 5 % max. inductance drop

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



Note: Major diameter of #8 screw = 0.164 "

Dimensions: Inches

| 1130 Series | | | | | |
|--------------|----------------------------|------------------|---------------|-------------------|----------------|
| Part Number | L (µH) ±20 % @ 1 KHz | DCR Ω Max. | I, dc* (A) | Dim. C Approx. | Dim. D Nom. |
| 1130-1R0M-RC | 1.0 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-1R2M-RC | 1.2 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-1R5M-RC | 1.5 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-1R8M-RC | 1.8 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-2R2M-RC | 2.2 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-2R7M-RC | 2.7 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-3R3M-RC | 3.3 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-3R9M-RC | 3.9 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-4R7M-RC | 4.7 | 0.003 | 21 | 0.80 | 0.081 |
| 1130-5R6M-RC | 5.6 | 0.003 | 21 | 0.82 | 0.081 |
| 1130-6R8M-RC | 6.8 | 0.004 | 21 | 0.82 | 0.081 |
| 1130-8R2M-RC | 8.2 | 0.004 | 21 | 0.82 | 0.081 |
| | ± 10 % | | | | |
| 1130-100K-RC | 10 | 0.006 | 17 | 0.82 | 0.081 |
| 1130-120K-RC | 12 | 0.008 | 13.5 | 0.80 | 0.072 |
| 1130-150K-RC | 15 | 0.009 | 13.5 | 0.80 | 0.072 |
| 1130-180K-RC | 18 | 0.010 | 13.5 | 0.80 | 0.072 |
| 1130-220K-RC | 22 | 0.011 | 13.5 | 0.79 | 0.064 |
| 1130-270K-RC | 27 | 0.012 | 13.5 | 0.79 | 0.064 |
| 1130-330K-RC | 33 | 0.017 | 13.5 | 0.79 | 0.064 |
| 1130-390K-RC | 39 | 0.022 | 11.4 | 0.79 | 0.057 |
| 1130-470K-RC | 47 | 0.024 | 9 | 0.79 | 0.057 |
| 1130-560K-RC | 56 | 0.026 | 9 | 0.79 | 0.057 |
| 1130-680K-RC | 68 | 0.029 | 9 | 0.79 | 0.057 |
| 1130-820K-RC | 82 | 0.032 | 9 | 0.79 | 0.051 |
| 1130-101K-RC | 100 | 0.034 | 9 | 0.79 | 0.051 |
| 1130-121K-RC | 120 | 0.046 | 7.2 | 0.79 | 0.051 |
| 1130-151K-RC | 150 | 0.064 | 5.5 | 0.77 | 0.045 |
| 1130-181K-RC | 180 | 0.072 | 5.5 | 0.77 | 0.045 |
| 1130-221K-RC | 220 | 0.080 | 5.5 | 0.77 | 0.040 |
| 1130-271K-RC | 270 | 0.110 | 4.5 | 0.77 | 0.040 |
| 1130-331K-RC | 330 | 0.122 | 4.5 | 0.77 | 0.040 |
| 1130-391K-RC | 390 | 0.169 | 4 | 0.77 | 0.036 |
| 1130-471K-RC | 470 | 0.187 | 4 | 0.77 | 0.036 |
| 1130-561K-RC | 560 | 0.205 | 4 | 0.77 | 0.032 |
| 1130-681K-RC | 680 | 0.256 | 2.8 | 0.77 | 0.032 |
| 1130-821K-RC | 820 | 0.288 | 2.8 | 0.77 | 0.032 |
| 1130-102K-RC | 1000 | 0.426 | 2 | 0.75 | 0.029 |
| 1130-122K-RC | 1200 | 0.426 | 2 | 0.75 | 0.029 |
| 1130-152K-RC | 1500 | 0.518 | 2 | 0.75 | 0.025 |
| 1130-182K-RC | 1800 | 0.705 | 1.6 | 0.75 | 0.025 |
| 1130-222K-RC | 2200 | 1.02 | 1.3 | 0.75 | 0.025 |
| 1130-272K-RC | 2700 | 1.14 | 1.3 | 0.75 | 0.023 |
| 1130-332K-RC | 3300 | 1.27 | 1.3 | 0.75 | 0.020 |
| 1130-392K-RC | 3900 | 1.67 | 1 | 0.75 | 0.020 |
| 1130-472K-RC | 4700 | 1.86 | 1 | 0.75 | 0.020 |

"-RC" suffix indicates RoHS compliance.