

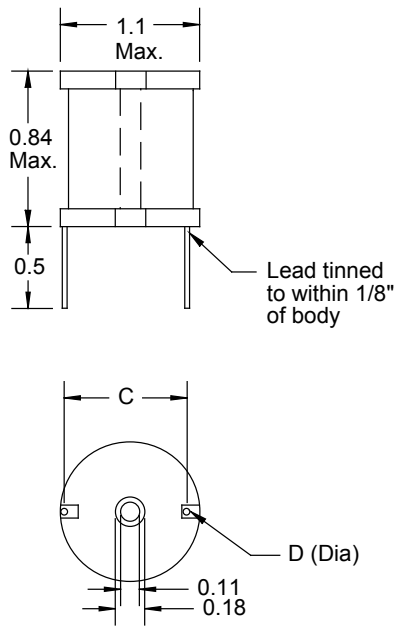
# High Current RF Chokes

## 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:  
2500VRMS terminal to shrink tube cover;  
1000VRMS terminal to core
- Operating temperature -55 to +105°C

## Notes

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



Dimensions: Inches

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

Also available as RoHS compliant.

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