



| MECHANICAL SPECIFICATIONS | | | |
|---------------------------|------------------------|---------------------|-----------------|
| Letter | Description | Dimensions (metric) | Dimensions (US) |
| A ₁ | Outer Diameter of ring | 9.5mm ± 0.1mm | 0.375" ± 0.005" |
| A ₂ | Inner Diameter of ring | 3.7mm ± 0.1mm | 0.145" ± 0.005" |
| B | Length of the part | 18.2mm ± 0.2mm | 0.720" ± 0.010" |
| C | Length of the leads | 152.4mm ± 1.0mm | 6.000" ± 0.050" |
| D | Stripped lead length | 2.0mm ± 0.1mm | 0.080" ± 0.005" |
| E | Thickness of ring | 1.0mm ± 0.1mm | 0.050" ± 0.005" |
| F | Thickness of barrel | 5.5mm ± 0.1mm | 0.216" ± 0.005" |
| G | Length of barrel | 6.4mm ± 0.2mm | 0.255" ± 0.005" |
| 24AWG Teflon Wire | | | |

| ELECTRICAL SPECIFICATIONS | |
|--|-----------------|
| Resistance at 25°C | 100000 Ω ± 10% |
| Beta | 4500K ± 2% |
| Temperature Coefficient of Resistance @ 25°C | -4.75% / °C |
| Operating Temperature Range | -50 °C – 150 °C |
| Dissipation Constant | 3 mW/ °C |
| Thermal Time Constant | 40 Seconds |
| Maximum Power | 125 mW |

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