





| General Information | |
|-------------------------|---|
| Series | M416 |
| Style | Wired |
| Temperature Coefficient | 3850 ppm/K |
| RoHS | Yes |
| Lead Type | Pt clad Ni-wire |
| Connection Technology | Welding, Crimping, Brazing |
| Self Heating | 0.4 K/mW at OC |
| Storage Life | Min. 12 months (in original packaging). |

| Dimensions | |
|---|--|
| L | 3.9mm +0.2/-0.1mm |
| W | 1.5mm +/-0.2mm |
| W2 | 0.7mm +/-0.1mm |
| Н | 0.9mm +0.3/-0.2mm |
| LL | 10mm +/-1mm |
| Minimum Fit Diameter (mm) | 2.1 mm |
| Minimum Fit Diameter (Inch) | 0.082" |
| Lo | 0.2mm +/-0.02mm |
| H LL Minimum Fit Diameter (mm) Minimum Fit Diameter (Inch) | 0.9mm +0.3/-0.2mm 10mm +/-1mm 2.1 mm 0.082" |

| Specifications | | |
|----------------------------------|------------|--|
| Nominal Res. $R_0[\Omega]$ | Pt100 Ohms | |
| Tolerance Class | F 0.15 (A) | |
| Temperature Range | -70/+500°C | |
| Tolerance Temperature Minimum | -70 | |
| Tolerance Temperature Maximum | 500 | |
| Insulation Resistance | 100 MOhms | |

| Packaging Specifications | |
|--------------------------|--------------|
| Packaging | Blister Reel |

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