



#### 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 0C                          |
| 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    |
| H                           | 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   |

#### Specifications

|                                 |            |
|---------------------------------|------------|
| Nominal Res. $R_o$ [ $\Omega$ ] | Pt100 Ohms |
| Tolerance Class                 | F 0.15 (A) |
| Temperature Range               | -50/+300°C |
| Insulation Resistance           | 100 MOhms  |

#### Packaging Specifications

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

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