



#### General Information

|                         |   |
|-------------------------|---|
| Series                  | M222                                    |
| 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                           | 2.3mm +0.2/-0.1mm |
| W                           | 2.1mm +/-0.2mm    |
| W2                          | 0.8mm +/-0.1mm    |
| H                           | 0.9mm +0.3/-0.2mm |
| LL                          | 10mm +/-1mm       |
| Minimum Fit Diameter (mm)   | 2.6 mm            |
| Minimum Fit Diameter (Inch) | 0.102"            |
| Lo                          | 0.2mm +/-0.02mm   |

#### Specifications

|                                       |            |
|---------------------------------------|------------|
| Nominal Resistance $R_0$ [ $\Omega$ ] | 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 | Plastic Bag |
|-----------|-------------|

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