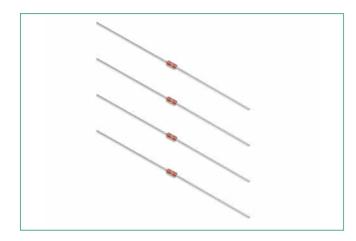
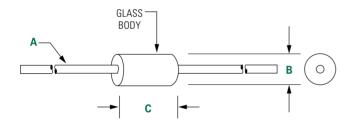
Leaded ThermistorsGlass Encapsulated Thermistor

DO-35 Interchangeable JM



Dimensions



Dimensions shown in inches.

| Α | В | С |
|---|---------------|---------------|
| 0.020"±0.002" 24 AWG Tinned CCS 1.0" Long Min | 0.075" Max | 0.160" Max |

Description

Littelfuse low cost interchangeable glass encapsulated thermistors are manufactured using super stable, precision NTC chips which are hermetically sealed in a glass (DO-35 diode style) package. The result is a device which exhibits excellent long term reliability and stability even when subjected to severe environmental or thermal conditions. They are well suited for uses where their interchangeability eliminates the necessity for costly individual circuit calibration. Their uniform dimensions and axial lead configuration make them especially suitable for use with automatic insertion equipment.

Options

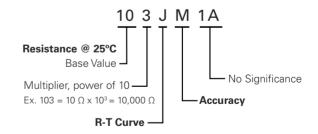
- Speacial Lead Forms
- Non-standard resistance values and tolerances
- Point matched at specified temperatures
- Tape and Reel Packaging

Features

- High temperature capability to +300°C
- Hermetically sealed glass package
- High accuracy
- Low cost

- Excellent long-term stability
- High Voltage Insulation
- Tinned CSS Lead Wires are Solderable or Weldable

Part Numbering System



Note: Not all combinations of Part Number codes are available. Contact Littelfuse for details.



DO-35 Interchangeable JM

Specifications

| Part Number | Resistance Ohms @25°C | Accuracy (0°C to +100°C) | R-T Curve | Temperature Coefficient (% / °C) @ 25°C | Beta (K) 0-50°C | Dissipation Constant, Nominal (mW/°C) | Thermal Time Constant, Max Still Air (seconds) | Thermal Time Constant, Max Well Stirred Oil (seconds) | Temperature Range (°C) |
|----------------|-----------------------------|--------------------------------|--------------|---|--------------------|--|---|---|------------------------------|
| 103JM1A | 10000 | ±1.0°C | J | -4.4 | 3892 | 2 | 5 | 0.5 | -55 to +300 |
| 203JM1A | 20000 | ±1.0°C | J | -4.4 | 3892 | 2 | 5 | 0.5 | -55 to +300 |
| 253JM1A | 25000 | ±1.0°C | J | -4.4 | 3892 | 2 | 5 | 0.5 | -55 to +300 |
| 503JM1A | 50000 | ±1.0°C | J | -4.4 | 3892 | 2 | 5 | 0.5 | -55 to +300 |
| 104JM1A | 100000 | ±1.0°C | J | -4.4 | 3892 | 2 | 5 | 0.5 | -55 to +300 |
| 104JM2B | 100000 | - | J | -4.4 | 3892 | 2 | 5 | 0.5 | -55 to +300 |

Packaging

| Packaging Option | Packaging Code | Standard Quantity | Standard |
|------------------|----------------|-------------------|----------|
| Tape and Reel | -TR | 5000 | EIA-296 |

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at: www.littelfuse.com/disclaimer-electronics