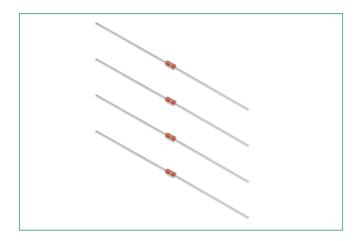
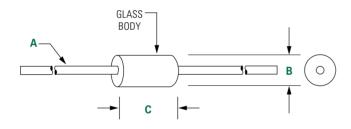


## DO-35 Interchangeable JM



## **Dimensions**



Dimensions shown in inches.

А	В	С
0.020"±0.002" 24 AWG Tinned CCS 1.0" Long Min	0.075" Max	0.160″ Max

#### Description

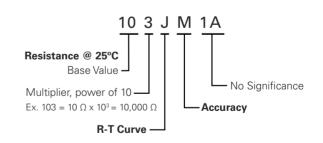
Littelfuse low cost interchangeable glass encapsulated thermistors are manufactured using super stable, precision NTC chips which are hermetically sealed in a glass (DO-35 diode style) package. The result is a device which exhibits excellent long term reliability and stability even when subjected to 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
- Features
  - High temperature capability to +300°C
  - Hermetically sealed glass package
  - High accuracy
  - Low cost

- Point matched at specified temperatures
- Tape and Reel Packaging
- 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: <a href="http://www.littelfuse.com/disclaimer-electronics">www.littelfuse.com/disclaimer-electronics</a>