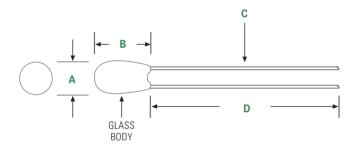
# **Leaded Thermistors**Glass Coated Chip Thermistor

### **GR Series Glass Coated Chip Thermistor**



#### **Dimensions**



Dimensions shown in inches.

Α	В	С	D	
0.090" Max	0.160" Max	0.0098" Nom Diam Lead Wires	1.00" Min	

#### **Description**

Littelfuse radial leaded glass coated chip thermistors feature excellent long-term stability and reliability as well as a fast thermal response time. They are especially suitable for temperature measurement and control where extreme temperatures, corrosive atmospheres and/or harsh environments are encountered. Their low cost and excellent reliability make them useful for applications ranging from HVAC/R to Industrial Controls to Consumer Appliances.

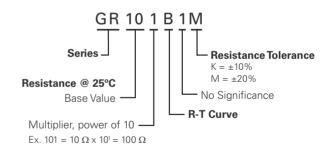
#### **Options**

 Non-standard resistance values and tolerances

#### **Features**

- High temperature capability to +300°C
- High stability
- Solderable lead wires

#### **Part Numbering System**



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



## **GR Series Glass Coated Chip Thermistor**

#### **Specifications**

Part Number	Resistance Ohms @ 25°C	*Resistance Tol. ± % @ 25°C	Temperature Coefficient (% / °C) @ 25°C	R-T Curve	Beta (K) 25-85 °C	Dissipation Constant, Nominal (mW/°C)	Thermal Time Constant, Max Still Air (seconds)	Temperature Range (°C)
GR101B1M	100	20	-3.18	В7	2826	_	14	-55 to +300
GR102F1K	1000	10	-3.86	F	3499	1.3	14	-55 to +300
GR302J1K	3000	10	-4.4	J	3977	1.3	14	-55 to +300
GR103E1K	10000	10	-3.82	E1	3435	1.3	14	-55 to +300
GR103J1K	10000	10	-4.4	J	3977	1.3	14	-55 to +300
GR104R1K	100000	10	-4.68	R	4263	1.3	14	-55 to +300

<sup>\*</sup>Resistance tolerances of ± 1%, 2%, and 5% are available upon request

**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="https://www.littelfuse.com/disclaimer-electronics">www.littelfuse.com/disclaimer-electronics</a>