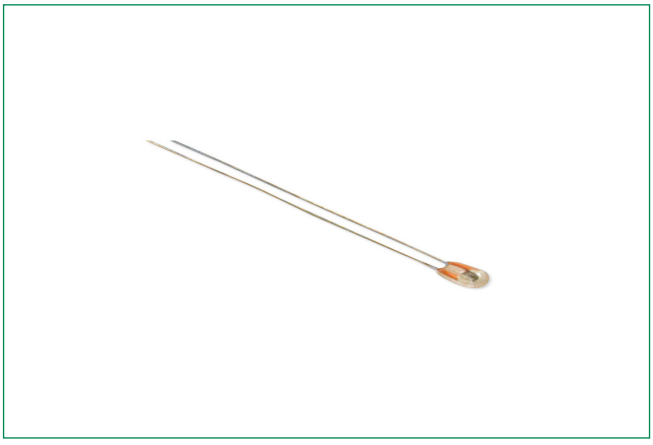
GT Series Glass Coated Chip Thermistor



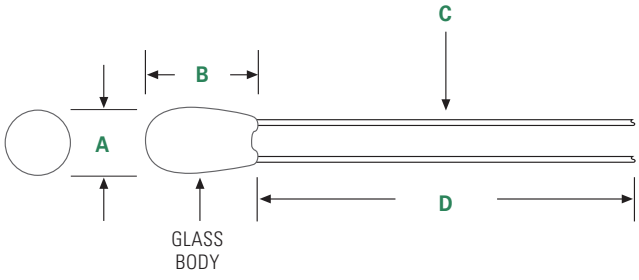
Description

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

Dimensions



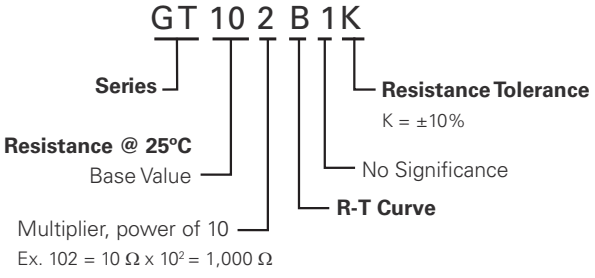
Dimensions shown in inches.

A	B	C	D
0.039" Max	0.089" Max	0.0055" Nom Dia Lead Wires	1.00" Min

Features

- High temperature capability to +300°C
- High stability
- Solderable lead wires
- Fast thermal response time

Part Numbering System



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

© 2018 Littelfuse, Inc. Revised: February 26, 2018
Specifications are subject to change without notice.

GT Series Glass Coated Chip Thermistor

Specifications

Part Number	Resistance Ohms @25°C	*Resistance Tol. ± % @ 25°C	R-T Curve	Temperature Coefficient (% / °C) @ 25°C	Beta (K) 25-85°C	Dissipation Constant, Nominal (mW/°C)	Thermal Time Constant, Max. - Still Air (seconds)	Temperature Range (°C)
GT102B1K	1000	10	B	-3.3	3009	0.45	2.5	-55 to +260
GT202F1K	2000	10	F	-3.86	3499	0.45	2.5	-55 to +260
GT502F1K	5000	10	F	-3.86	3499	0.45	2.5	-55 to +260
GT103E1K	10000	10	E1	-3.52	3435	0.45	2.5	-55 to +260
GT103J1K	10000	10	J	-4.4	3977	0.45	2.5	-55 to +300
GT303J1K	30000	10	J	-4.4	3977	0.45	2.5	-55 to +260
GT473N1K	47000	10	N1	-4.5	4073	0.45	2.5	-55 to +260
GT503J1K	50000	10	J	-4.4	3977	0.45	2.5	-55 to +260
GT104L1K	100000	10	L1	-4.52	4040	0.45	2.5	-55 to +300
GT105U1K	1000000	10	U1	-4.52	4350	0.45	2.5	-55 to +300

*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: www.littelfuse.com/disclaimer-electronics