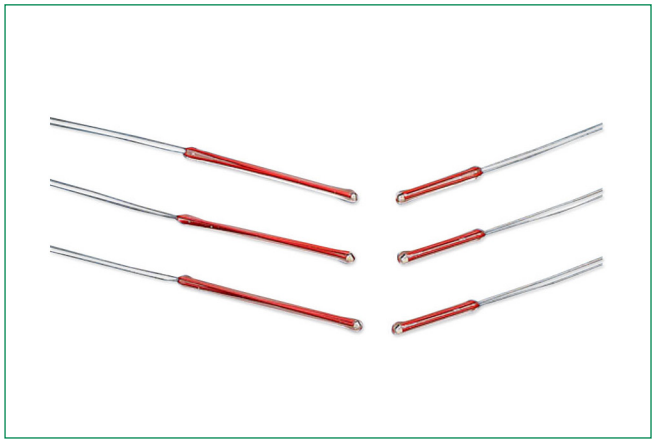
GL Series Glass Probe Thermistors



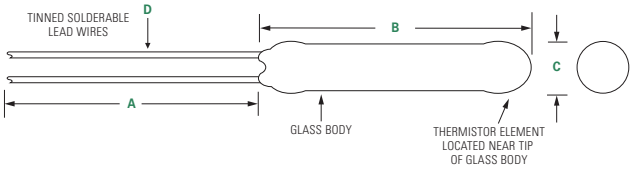
Description

Littelfuse high temperature glass probe thermistors feature superior long-term stability and fast thermal response. Their small size and glass encapsulation makes them especially suitable for temperature measurement and control where space is limited and where extreme temperatures, corrosive atmospheres and/or harsh environments are encountered. Littelfuse glass probe thermistors have a wide range of applications within the HVAC/R, Industrial, Medical, Consumer Electronics, Alternative Energy, Telecommunications, Medical and Environmental Systems and Controls markets.

Options

- Non-standard resistance values and tolerances
- Two glass body lengths (.500" and 1.000")

Dimensions



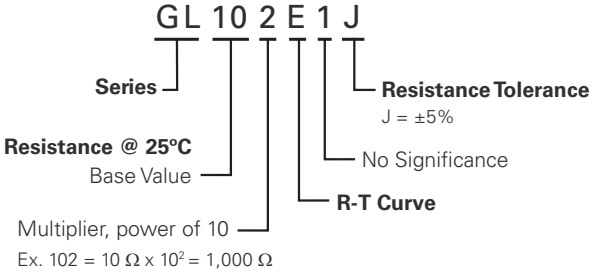
Dimensions shown in inches.

A	B	C	D
1.00" Nom	See Specs Table	0.070" Nom	0.0098" Nom Diam

Features

- High temperature capability to +300°C
- High reliability
- Excellent long-term 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.

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Specifications are subject to change without notice.

GL Series Glass Probe Thermistors

Specifications

Part Number	Resistance Ohms @25°C	*Resistance Tol. ± % @ 25°C	R-T Curve	Temperature Coefficient (% / °C) @ 25°C	Beta (K) 25-85°C	Dim "B"	Temperature Rating (°C)
GL102E5J	1000	5	E	-3.67	3348	0.500"	-55 to +300
GL102E9J	1000	5	E	-3.67	3348	1.000"	-55 to +300
GL122E5J	1200	5	E	-3.67	3348	0.500"	-55 to +300
GL122E9J	1200	5	E	-3.86	3348	1.000"	-55 to +300
GL202F5J	2000	5	F	-3.86	3499	0.500"	-55 to +300
GL202F9J	2000	5	F	-3.86	3499	1.000"	-55 to +300
GL502F5J	5000	5	F	-3.86	3499	0.500"	-55 to +300
GL502F9J	5000	5	F	-3.86	3499	1.000"	-55 to +300
GL103J5J	10000	5	J	-4.4	3977	0.500"	-55 to +300
GL103J9J	10000	5	J	-4.4	3977	1.000"	-55 to +300
GL104R5J	100000	5	R	-4.68	4263	0.500"	-55 to +300
GL104R9J	100000	5	R	-4.68	4263	1.000"	-55 to +300

*Resistance tolerances of ± 1% and 2% are available upon request

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