Leaded Thermistors
Epoxy Coated Thermistor

SC Series Miniature Thermistors



Description

Littelfuse miniature leaded epoxy coated thermistors are manufactured using the same state of the art manufacturing techniques as those used to produce Littelfuse precision interchangeable devices. This results in devices with superior long-term reliability characteristics especially suitable for temperature measurement, temperature control and temperature compensation applications.

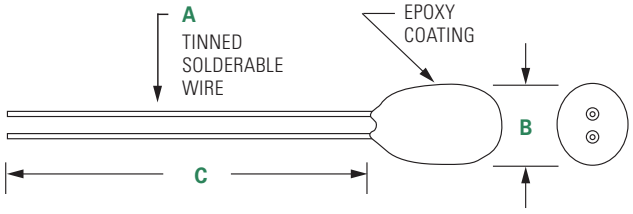
Options

- Non-standard resistance values and tolerances
- Special lead materials and lengths
- Special encapsulants or probe housings
- Point matched at specified temperatures

Features

- Low cost
- High reliability
- Epoxy encapsulated
- Small size
- Fast thermal response time

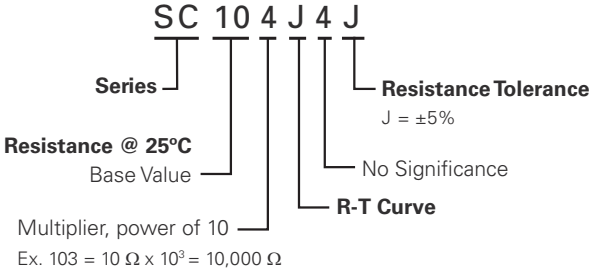
Dimensions



Dimensions shown in inches.

A	B	C
28AWG 0.013"	0.095" Max	1.5" Nom

Part Numbering System



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

Specifications

Part Number	Resistance Ohms @25°C	*Resistance Tol. ± % @ 25°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)	Temperature Rating (°C)
SC503J4J	50000	5	J	–4.4	3892	2	10	-55 to +150
SC104J4J	100000	5	J	-4.5	3892	–	–	-55 to +150

*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

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Specifications are subject to change without notice.