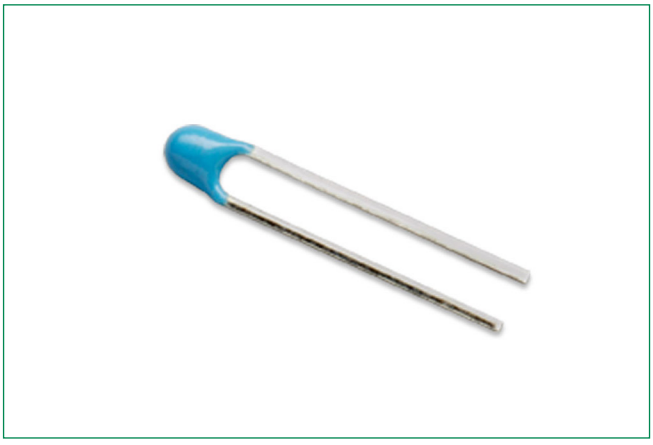
Leaded Thermistors
Epoxy Coated Thermistor

Standard Leaded AC Series



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.

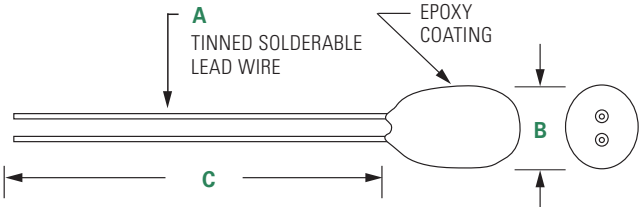
Options

- 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 stability
- Epoxy encapsulated
- Small size
- Fast thermal response

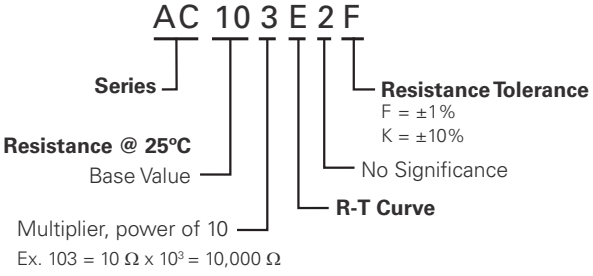
Dimensions



Dimensions shown in inches.

A	B	C
0.018" Nom	0.140" Max	0.675" ±0.100"

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	Beta (K) 25-85°C	Dissipation Constant, Nominal (mW/°C)	Thermal Time Constant, Max. - Still Air (seconds)	Thermal Time Constant, Max. -Well Stirred Oil (seconds)	Temperature Rating (°C)
AC103E2F	10000	1	E1	_	_	3435	2	15	3	-55 to +125
AC103J2F	10000	1	J	-4.4	3892	_	2	15	3	-55 to +125

*Resistance tolerances of ± 1%, 2%, 5%, and 10% are available upon request