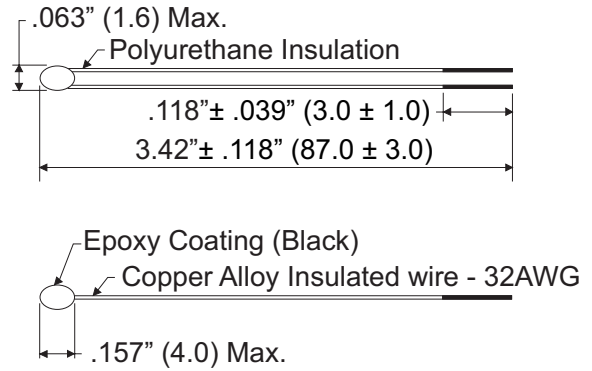
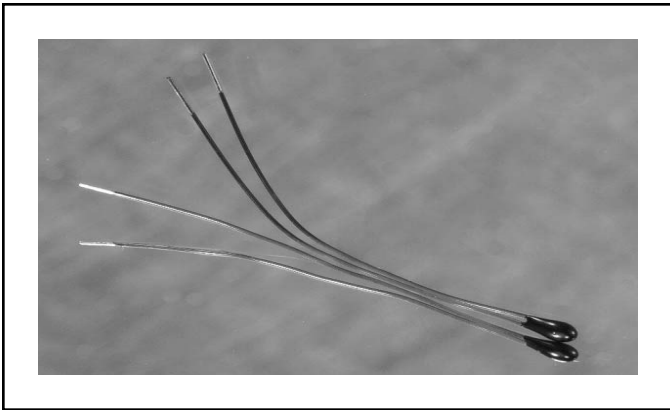


Temperature Sensing Thermistors

TS Series



FEATURES

- Fast response
- RoHS Compliant
- Polyurethane insulated leads
- Excellent thermal cycle endurance

The TS thermistor is smaller than the HP and IN thermistors. It's rapid response time and high reliability make it suitable for use in medical equipment and thermometers.

SPECIFICATIONS

Temperature range	-50°C to 110°C	B value	3435K - 4262K
R25: Rated Zero-power resistance value at 25°C	1,000 Ohms	Determined by rated zero-power resistance at 25°C and 85°C	
Resistance	2,000 Ohms	R/T curves	TS Series thermistors are available in most of the R/T curve materials. Detailed curve material information on pages 26-27.
	2,252 Ohms		
	4,000 Ohms		
	5,000 Ohms		
	10,000 Ohms		
	20,000 Ohms		
	30,000 Ohms		
	50,000 Ohms		
	100,000 Ohms		
	232,000 Ohms		
	Tolerances		
		Thermal time constant	Typically 1.0 seconds in air Typically 0.8 seconds in oil bath
		Maximum power rating	3.5 mW at 25°C

ORDERING MAP

