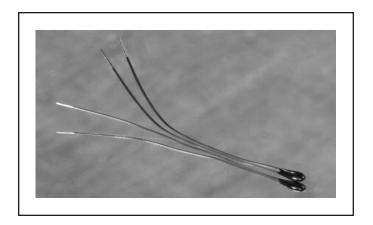
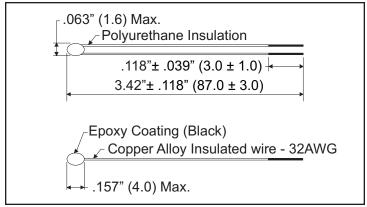
Insulated Lead Epoxy Thermistors

TS Series





FEATURES

- Quick response time
- Bead diameter of 0.063"
- Polyurethane insulated leads
- RoHS Compliant

The TS Series thermistor features a very small bead, insulated leads, and quick thermal time constant.

SPECIFICATIONS -50°C to 110°C Curves/Betas (25/85) Temperature range A = Curve A Continuous operating temp range -50°C to 92°C B = Curve B C = Curve C Resistance at 25°C 1,000 Ohms D = Curve D 2.000 Ohms F = Curve F 2,252 Ohms X = New letter assigned for special curve 4,000 Ohms 5.000 Ohms Tolerances at 25°C ±1%, ±3%, ±5% 10,000 Ohms 20,000 Ohms **Dissipation constant** 0.3 mW/°C in still air 30,000 Ohms 0.7 mW/°C in stirred oil 50,000 Ohms Thermal time constant Typically 1.0 seconds in still air 100,000 Ohms Typically 0.8 seconds in stirred oil 232,000 Ohms Maximum power rating 3.5 mW at 25°C to 1.25 mW at 100°C

ORDERING MAP TS-**R-T Curve** Resistance at 25°C Tolerance at **Optional Special** 25°C **Specification** 001K = 1K OhmsA = Curve A B = Curve B 002K = 2K Ohms $1 = \pm 1\%$ C = Curve C 2252 = 2252 Ohms $3 = \pm 3\%$ 004K = 4K Ohms D = Curve D $5 = \pm 5\%$ 005K = 5K Ohms F = Curve F 010K = 10K Ohms X = New letter assigned for special curve 020K = 20K Ohms 030K = 30K Ohms 050K = 50K Ohms 100K = 100K Ohms 232K = 232K Ohms X = Special base resistance value

Note: Other thermistor base resistance values, thermistor curves or Beta values, or tolerances may be available.

Please contact Selco Products.

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