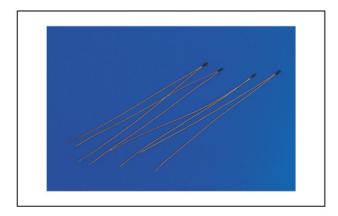
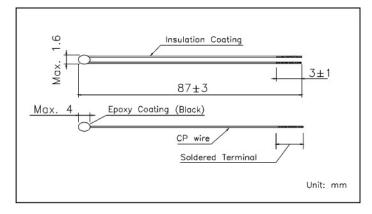


## Temperature Sensing Thermistors

**TS Series** 





## **FEATURES:**

- Fast response
- Excellent thermal cycle endurance
- Small size and High reliability
- RoHS Compliance

The TS thermistor is smaller than the HAT thermistor. Its rapid response time and high reliability make it suitable for use in medical equipment and thermometers.

## **SPECIFICATIONS**

Temperature ranges -50°C to 110°C

R25:

Rated Zero-power 4,000 ohms resistance value at 25 °C 10,000 ohms

20,000 ohms

30,000 ohms

40,000 ohms 50,000 ohms

100,000 ohms

232,000 ohms

Tolerances  $\pm 1\%$ ,  $\pm 3\%$ ,  $\pm 5\%$ 

**B** value:

3100K - 4274K

Determined by rated zero-power

resistance at 25 °C and 85 °C

R/T curve TS series thermistors are available in

all R/T curve materials. Detailed curve

information on pages 22-24.

Tolerances  $\pm$  1%

Dissipation constant 0.7 mW/ °C

Thermal time constant Typically 1 seconds in air

Maximum power rating 3.5 mW (at 25 °C)

