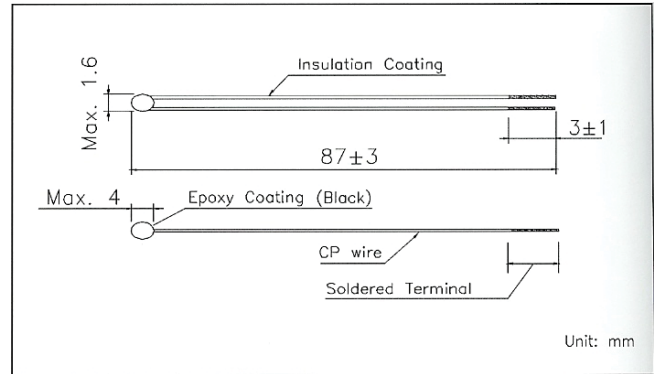
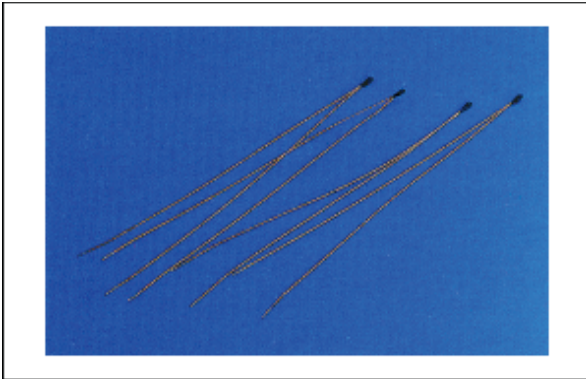


TS Series



FEATURES:

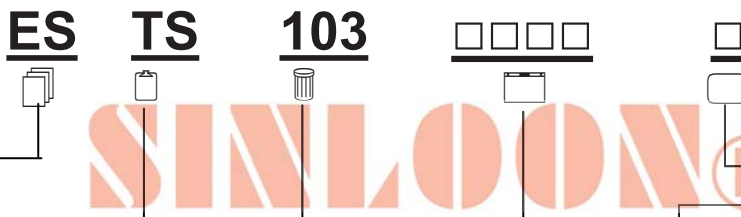
- Fast response
- Excellent thermal cycle endurance
- Small size and High reliability

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	B value:	3100K – 4274K
R₂₅		Determined by rated zero-power resistance at 25°C and 85°C	
Rated Zero-power Resistance value at 25°C	4,000 ohms 10,000 ohms 20,000 ohms 30,000 ohms 40,000 ohms 50,000 ohms 100,000 ohms 232,000 ohms	R/T curve	TS series thermistors are available in all R/T curve materials. Detailed curve information on pages 35-37.
Tolerances	±1%, ±3%, ±5%	Tolerances	±1%
		Dissipation	0.7 mW/°C
		Thermal time constant	Typically 3.2 seconds in air
		Maximum power rating	3.5 mW (at 25°C)

Ordering Map



Series Code	Type	Res. value at 25°C	B value	Resistance tolerance
E-Sensor	Temperature Sensing Thermistors	10×10 ³ Ω	25°C / 85°C	F: ±1% H: ±3% J: ±5%

