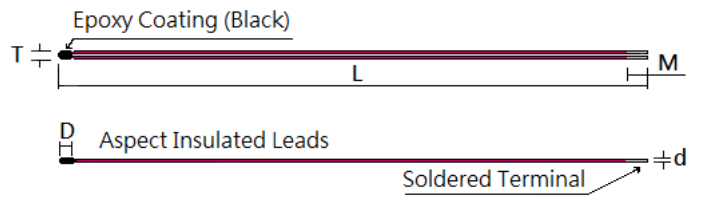


UTS Series



FEATURES:

- Fast response.
- The UTS Thermistor is smaller than the Chip thermistor. Its rapid response time and high reliability make it.
- Suitable for use in medical equipment and thermometers.
- Excellent thermal cycle endurance.
- Small size and high reliability.

SPECIFICATIONS

Temperature rating -40°C to 150°C

B value : 3320K ~4200K

R25

Determined by rated zero-power Resistance at 25°C and 85

Rated zero-power Resistance value at 25°C

- 5 K ohms
- 10 K ohms
- 47 K ohms
- 50K ohms
- 100 K ohms

Tolerance ±0.5% ±1% ±3% ±5%

Dissipation constant 0.7mW/°C

Thermal time constant Typically 3.2 seconds in air.

Maximum power Rating 3.5 mw at 25°C

T	φ	φ	φ
Size (mm)	1.2 ± 0.05	1.0 ± 0.05	0.8 ± 0.05

Tolerance ±0.5% ±1% ±2% ±3%

Order Map UTS - 103 □ - □□□ - □□□□

Series Code	Res. value	Res. Tolerance	Lengths	B value
Temperature	at 25°C	D: 0.5 % F: 1 %	Exp;	25°C/85°C
Sensor	10 x 1000Ω	H: 3 % J: 5 %	150 : 150 mm	