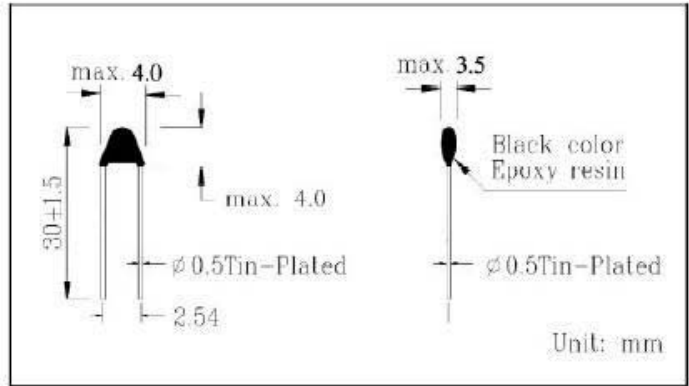




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High-Precision NTC Thermistors

HT Series



FEATURES:

- Low cost, high stability
- Excellent thermal cycle endurance
- No adjust between the control circuit and the sensor
- RoHS Compliance

The HT thermistor is a high-performance thermal sensing device. They have small B-value tolerance and resistance. They insure temperature precision of $\pm 0.3^\circ\text{C}$ and can be applied for very accurate temperature control compensation.

SPECIFICATIONS

Temperature ranges	-50°C to 110°C	B value:	3100K - 4665K
R₂₅ :		Determined by rated zero-power resistance at 25 °C and 85 °C	
Rated Zero-power resistance value at 25 °C	1,000 ohms 2,000 ohms 5,000 ohms 10,000 ohms 20,000 ohms 47,000 ohms	R/T curve	HT series thermistors are available in all R/T curve materials. Detailed curve information on pages 24-26.
Tolerances	±1%, ±3%, ±5%	Tolerances	±1%
		Dissipation constant	2 mW/ °C
		Thermal time constant	Typically 3 seconds in air
		Maximum power rating	10 - 15 mW (at 25 °C)

Ordering Map

