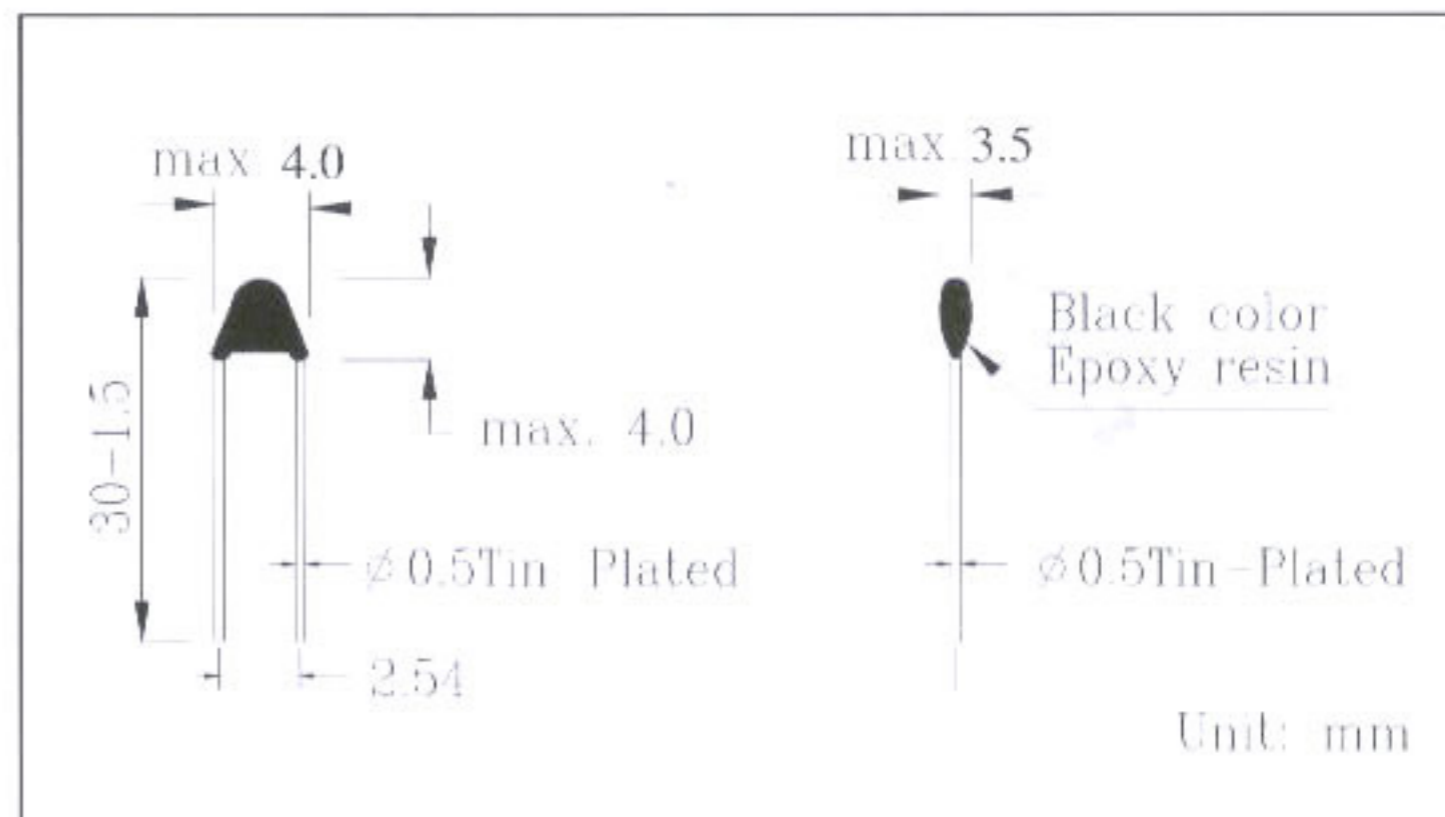
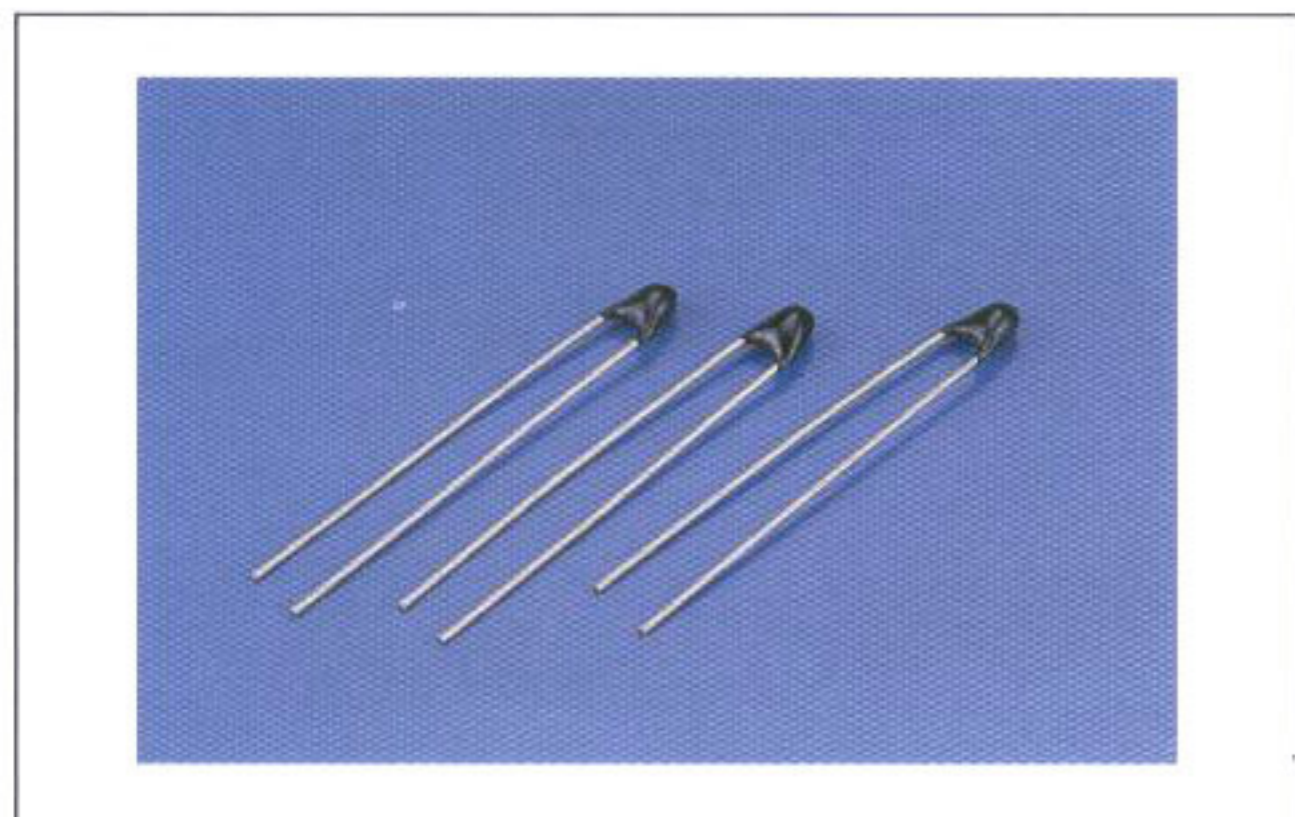


High-Precision NTC Thermistors

HT Series



FEATURES:

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

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

R₂₅ :

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

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

B value: 3100K - 4665K

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

R/T curve HT series thermistors are available in all R/T curve materials. Detailed curve information on pages 23-25.

Tolerances $\pm 1\%$

Dissipation constant 2 mW/ $^\circ\text{C}$

Thermal time constant Typically 15 seconds in air

Maximum power rating 10 - 15 mW (at 25°C)

Ordering Map

