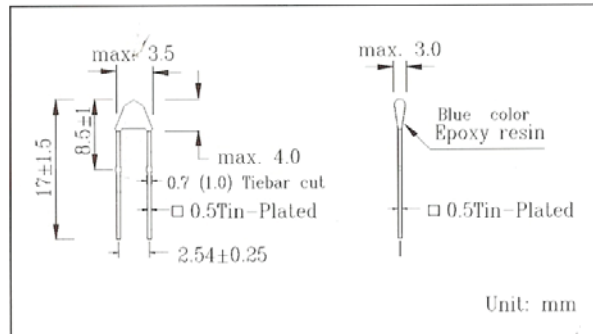
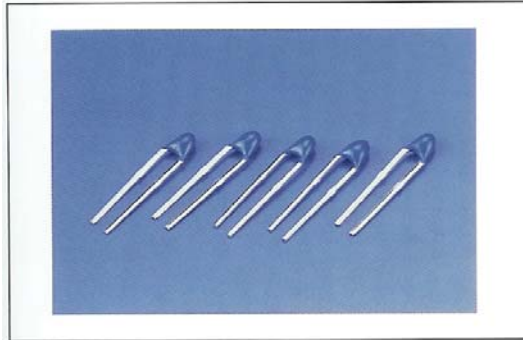


HAT Series



FEATURES:

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

The HAT series thermistor is a high-precision 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 employed for very accurate temperature control or compensation. They are also useful for insert to PCB in the Constant length.

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	HAT series thermistors are available in all R/T curve materials. Detailed curve information on pages 23-25
Tolerances	$\pm 1\%$
Dissipation constant	2 mW/°C
Thermal time constant	Typically 15 seconds in air
Maximum power rating	10-15mW (at 25°C)

