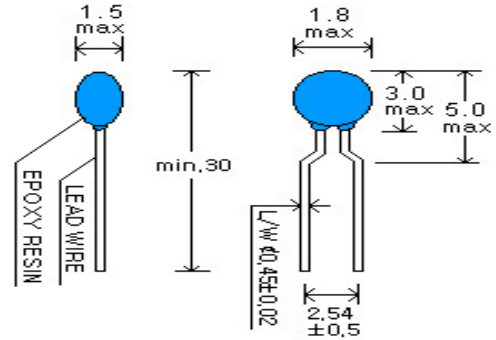


**NTC SENSOR THERMISTOR**

**MLHT Series**



**FEATURES:**

- Low cost, high stability.
- The MLHT series thermistors is a high-performance thermal sensing device.
- Excellent thermal cycle endurance and they 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.
- No adjust between the control circuit and the sensor.
- They are also useful for insert to PCB in the constant length.

**SPECIFICATIONS**

**Temperature rating** -40°C to 125°C

**B value :** 3250K ~ 4750K

**Determined by rated zero-power**

**Resistance at 25°C and 85°C**

**R25**  
**Rated zero-power** 2 K ohms  
 5 K ohms  
**Resistance value at 25°C** 10 K ohms  
 15 K ohms  
 20 K ohms  
 50 K ohms  
 500 K ohms

**Tolerance**  $\pm 1\%$   $\pm 3\%$   $\pm 5\%$

**Dissipation constant** 2mW/°C

**Thermal time constant** Typically 15 seconds in air.

**Maximum power Rating** 10-15 mw at 25°C

**Tolerance**  $\pm 1\%$   $\pm 3\%$   $\pm 5\%$

**Order Map** ML HT 103 F - □□□□

Series Code	Type	Res. value	Res. Tolerance	B value
ML	HT	at 25°C	F : 1%	25°C/85°C
Sensor	thermistor	10 x 1000Ω	H : 3%	
			J : 5%	

