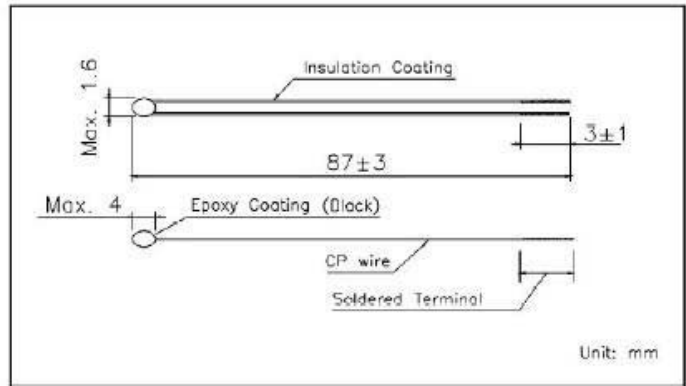




啟心實業 ALLGUY International Co., Ltd.  
 TEL: (886)2-2278 2226 FAX: (886)2-2278 3558  
 三重市重新路 5 段 609 巷 18 號 3F-5 (滿城園區)  
 E-Mail: sales@newtouch.com.tw  
 http://www.newtouch.com.tw

# Temperature Sensing Thermistors

## TS Series



### FEATURES:

- Fast response
- Excellent thermal cycle endurance
- Small size and High reliability
- **RoHS is available for asking**

The TS thermistor is smaller than the HAT thermistor. Its rapid response time and high reliability make it suitable for use in medical equipment and thermometers.

### SPECIFICATIONS

**Temperature ranges** -50°C to 110°C

#### R<sub>25</sub> :

**Rated Zero-power resistance value at 25 °C**  
 4,000 ohms  
 10,000 ohms  
 20,000 ohms  
 30,000 ohms  
 40,000 ohms  
 50,000 ohms  
 100,000 ohms  
 232,000 ohms

**Tolerances** ±1%, ±3%, ±5%

**B value:** 3100K - 4274K

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

**R/T curve** TS series thermistors are available in all R/T curve materials. Detailed curve information on pages 24-26.

**Tolerances** ±1%

**Dissipation constant** 0.7 mW/°C

**Thermal time constant** Typically 1 seconds in air

**Maximum power rating** 3.5 mW (at 25 °C)

### Ordering Map

