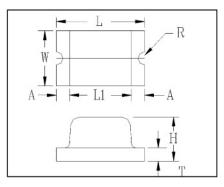


## Surface Mount Chip Thermistors

**CT Series** 





| Unit: mm     |             |                    |     |     |      |             |              |
|--------------|-------------|--------------------|-----|-----|------|-------------|--------------|
| Dim.<br>Type | L<br>(±0.2) | <b>W</b><br>(±0.2) | LI  | Α   | R    | H<br>(±0.2) | T<br>(±0.05) |
| 1206         | 3.2         | 1.6                | 2.0 | 0.6 | 0.37 | 1.1         | 0.5          |
| 0805         | 2.0         | 1.25               | 1.4 | 0.3 | 0.20 | 1.1         | 0.5          |
| 0603         | 1.6         | 8.0                | 1.2 | 0.2 | 0.17 | 0.8         | 0.3          |

## **FEATURES:**

- Surface mount capability
- Uniformly sized for pick and place assembly
- Ultra small size and low capacitance
- Easy Soldering
- RoHS Compliance

The CT thermistor, the highly reliable thermistors, are characterized by their fast response time, which was made by the way of chip on board. Our thermistors are the most excellent products of today's chip thermistors manufacturing.

## **SPECIFICATIONS** -40°C to 125°C Temperature ranges R/T curves (B25/85 value) 10,000 ohms-----F curve (3435K) 47,000 ohms-----A curve (3975K) 100,000 ohms------G curve (4390K) $\mathbf{R}_{25}$ : 10,000 ohms Rated Zero-power 47,000 ohms ±1% **Tolerances** resistance value at 25 °C 100,000 ohms 0.9 mW/ °C in still air **Dissipation constant Tolerances** ±5% 3-8 seconds in air Thermal time constant Maximum power rating 4-6 mW (at 25 °C)

