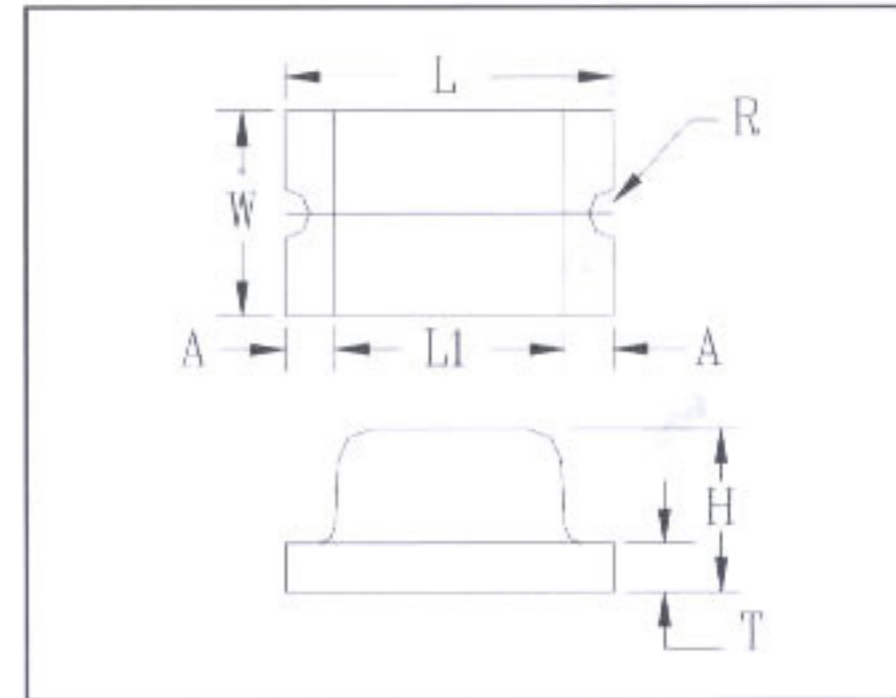


Surface Mount Chip Thermistors

CT Series



Unit: mm

Type	Dim.	L (±0.2)	W (±0.2)	LI	A	R	H (±0.2)	T (±0.05)
1206		3.2	1.6	2.0	0.6	0.25	1.1	0.5
0805		2.0	1.25	1.4	0.3	0.15	1.0	0.3
0603		1.6	0.8	1.0	0.3	0.15	0.8	0.3

FEATURES:

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

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

Temperature ranges -40°C to 125°C

R₂₅ : 10,000 ohms

Rated Zero-power 47,000 ohms

resistance value at 25 °C 100,000 ohms

Tolerances ±1%, ±3%, ±5%

R/T curves (**B_{25/85}** value)

10,000 ohms-----F curve (3435K)

47,000 ohms-----A curve (3975K)

100,000 ohms-----G curve (4390K)

Tolerances ±1%

Dissipation constant 0.9 mW/ °C in still air

Thermal time constant 3-8 seconds in air

Maximum power rating 4-6 mW (at 25 °C)

Ordering Map

CT

1 0 3

□ □ □ □

□

①

②

③

④

⑤

Type

Chip Type
thermistor

Dimension

2: 1206
8: 0805
6: 0603

Resistance value at 25°C

10 × 10³ Ω

B value

25°C/85°C

Resistance tolerance

1: ±1%
3: ±3%
5: ±5%