



Unit: mm

Dim. Type	L (±0.1)	W (±0.1)	LI	A (±0.1)	H (±0.1)
0805	2.0	1.25	1.4	0.2	0.3
0603	1.6	0.8	1.0	0.2	0.3
0402	1.0	0.5	0.7	0.2	0.5

FEATURES:

- Surface mount capability
- Uniformly sized for pick and place assembly
- Ultra small size and low capacitance
- RoHS Compliance
- UL1434 Certification

The SM thermistor, the highly reliable thermistors, are characterized by their fast response time, which was made by the way of ceramic process. 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%

B_{25/85} value

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

47,000 ohms-----A curve (3977K)

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

Tolerances ±1%

Dissipation constant 3.5 mW/ °C in still air

Thermal time constant 5-8 seconds in air

Maximum power rating 350-450 mW (at 25 °C)

Ordering Map

SM

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103

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Type
Ceramic Type thermistor

Dimension
8: 0805
6: 0603
4: 0402

Resistance value at 25°C
10 x 10³ Ω

B value
25°C/85°C

Resistance tolerance
1P: ±1%
3P: ±3%
5P: ±5%

Special Spec
Controlling NO.