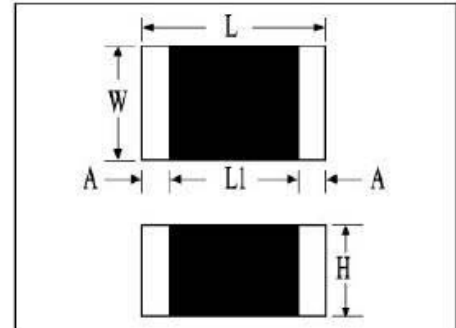




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Surface Mount Ceramic Type Thermistors

SM Series



Unit: mm

Type	Dim. 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

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	B_{25/85} value	10,000 ohms-----F curve (3435K)
R₂₅ :	10,000 ohms		47,000 ohms-----A curve (3977K)
Rated Zero-power resistance value at 25 °C	47,000 ohms		100,000 ohms-----G curve (4390K)
	100,000 ohms	Tolerances	±1%
Tolerances	±1%, ±3%, ±5%	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

