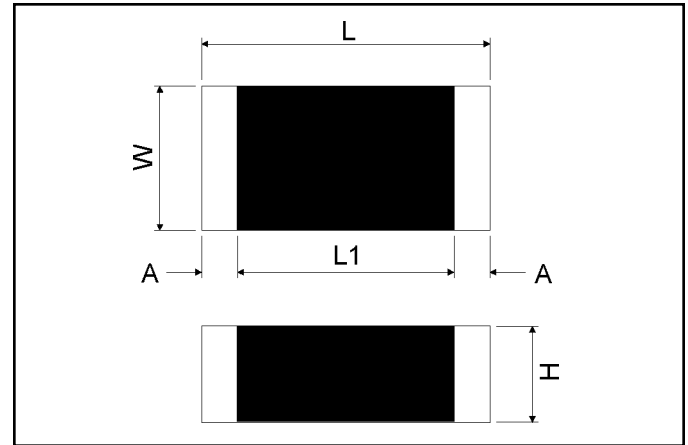
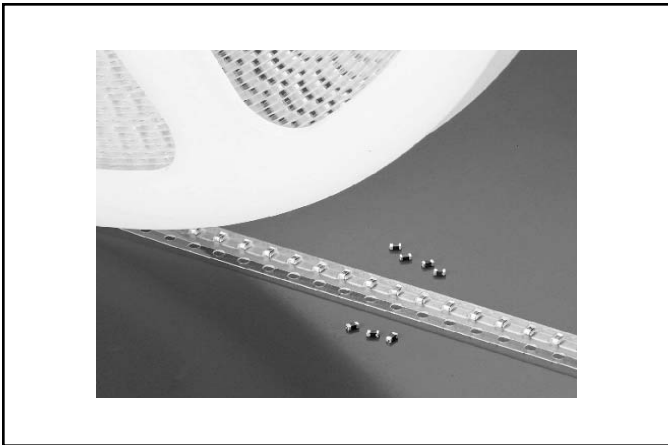


# Surface Mount Thermistors

## SM Series



### FEATURES

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

This highly reliable SM thermistor is characterized by a fast response time due to the surface mounting on a PCB. Our manufacturing techniques produce the highest quality surface mount thermistors available in today's market.

Type	Dim.	L (±0.2)	W (±0.2)	L1	A (±0.2)	H (±0.2)
1206		.126 (3.2)	.063 (1.6)	.0787 (2.0)	.0236 0.6	.0433 (1.1)
0805		.0787 (2.0)	0.492 (1.25)	.0551 (1.4)	.0118 (0.2)	.0118 (0.3)
0603		.063 (1.6)	.0315 (0.8)	.0472 (1.0)	.0118 (0.2)	.0118 (0.3)
0402		.039 (1.0)	.0197 (0.5)	.0276 (0.7)	.0079 (0.2)	.0236 (0.5)

### SPECIFICATIONS

<b>Temperature range</b>	-40°C to 125°C	<b>Dissipation constant</b>	3.5 mW/°C in still air
<b>R25: Rated Zero-power resistance value at 25°C</b>	10,000 Ohms 47,000 Ohms 100,000 Ohms	<b>Thermal time constant</b>	Typically 5-8 seconds in still air
<b>Tolerances</b>	±1% ±3% ±5%	<b>Maximum power rating</b>	350-450 mW at 25°C
<b>B25/85 value</b>	10,000 Ohms - F Curve (3435K) 47,000 Ohms - A Curve (3977K) 100,000 Ohms - G Curve (4390K)	<b>Reel quantity</b>	1206 - 3K reel 0805 - 4K reel 0603 - 4K reel 0402 - 10k reel

### ORDERING MAP

