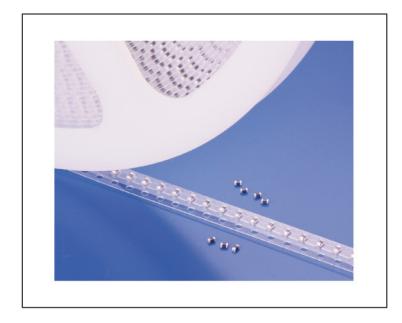
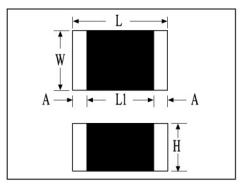


## **Surface Mount Ceramic Type Thermistors**

**SM Series** 





Unit: mm			27		20.
Dim.	L (±0.1)	<b>W</b> (±0.1)	LI	<b>A</b> (±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** -40°C to 125°C **Temperature ranges** B<sub>25/85</sub> value 10,000 ohms-----F curve (3435K) 47,000 ohms-----A curve (3977K) 100,000 ohms------G curve (4390K) R25: 10,000 ohms Rated Zero-power 47,000 ohms Tolerances ±1% resistance value at 25 °C 100,000 ohms **Dissipation constant** 3.5 mW/ °C in still air $\pm$ 1%, $\pm$ 3%, $\pm$ 5% **Tolerances** Thermal time constant 5-8 seconds in air 350-450 mW (at 25 °C) Maximum power rating

