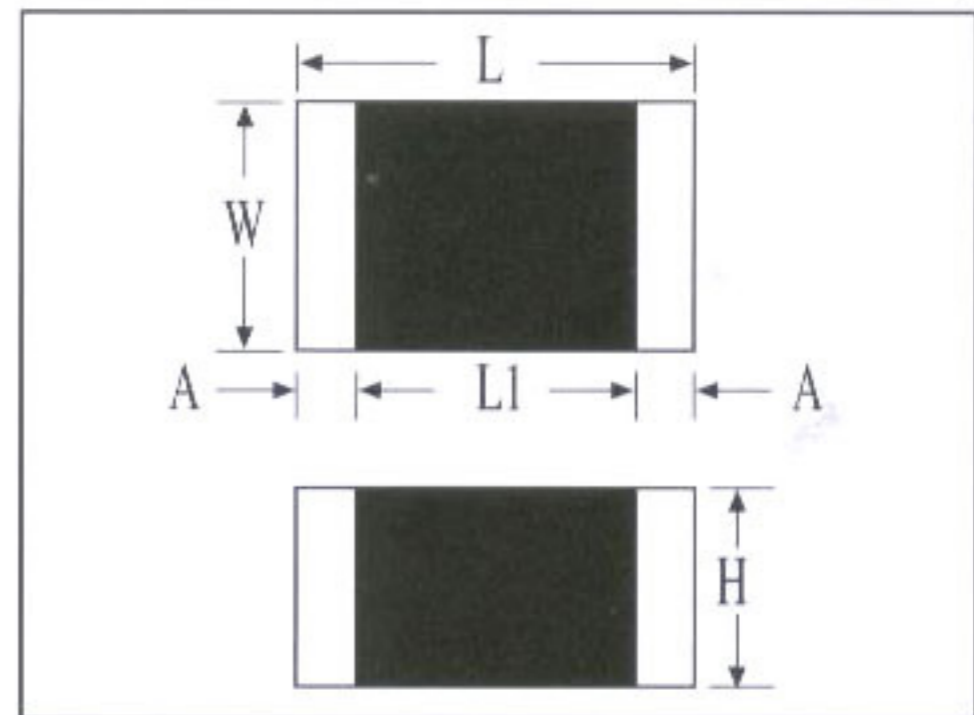
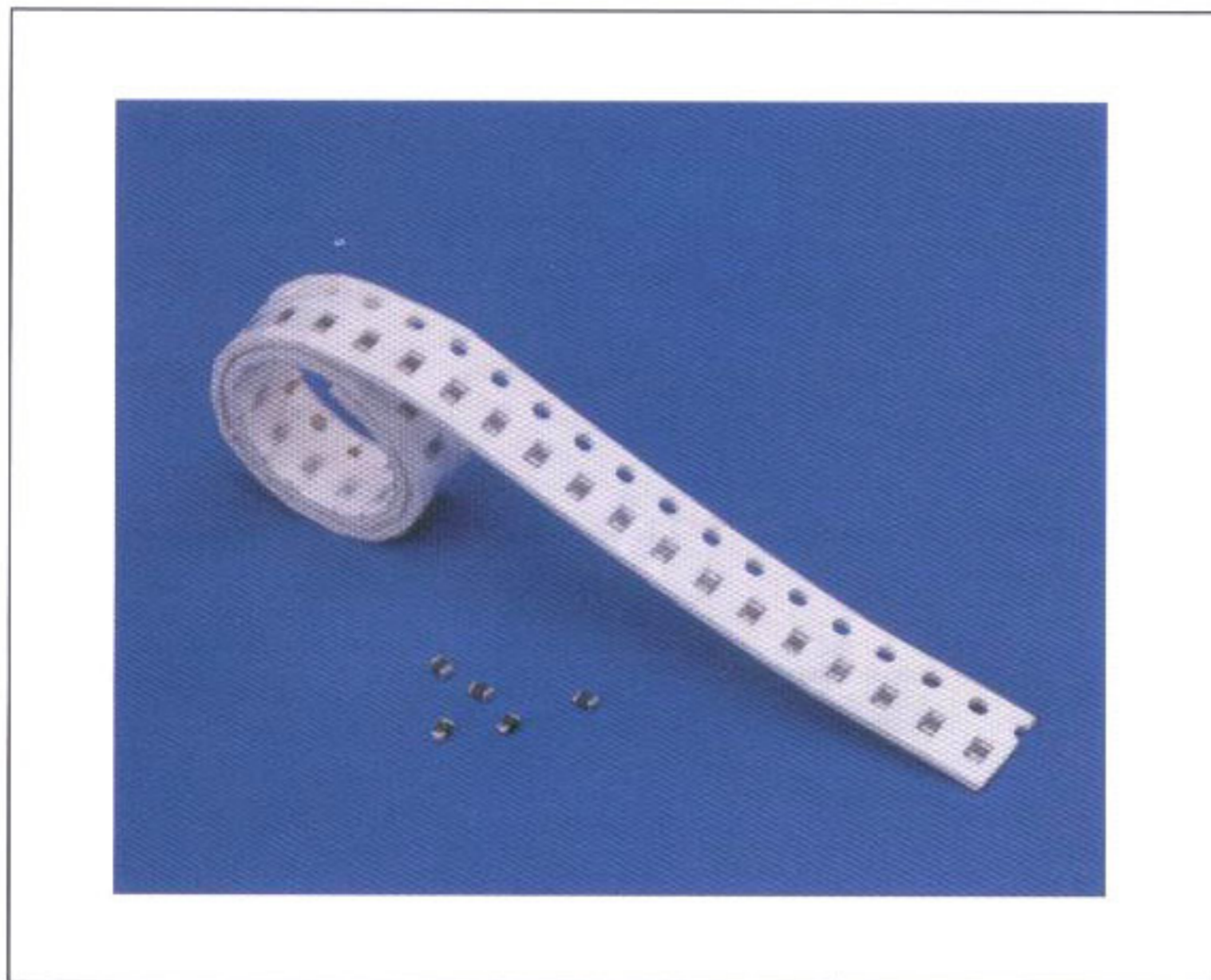


Surface Mount Chip Thermistors

SM Series



Unit: mm

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

FEATURES:

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

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-----3435K

47,000 ohms-----4100K

100,000 ohms-----4050K

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

