

# 錫麟企業有限公司 Sencera Co. Ltd.

Tel:02-27046595 Fax:886-2-27041279 Email:justinel@ms14.hinet.net

9F-5, No. 26, Sec. 3, Jan-Ai Road, Taipei, Taiwan, ROC. <http://welcome.to/sencera>

## Surface Mount Chip type thermistor (CT series)

### Features

Excellent endurance against thermal shock.

Excellent stability at high temperature

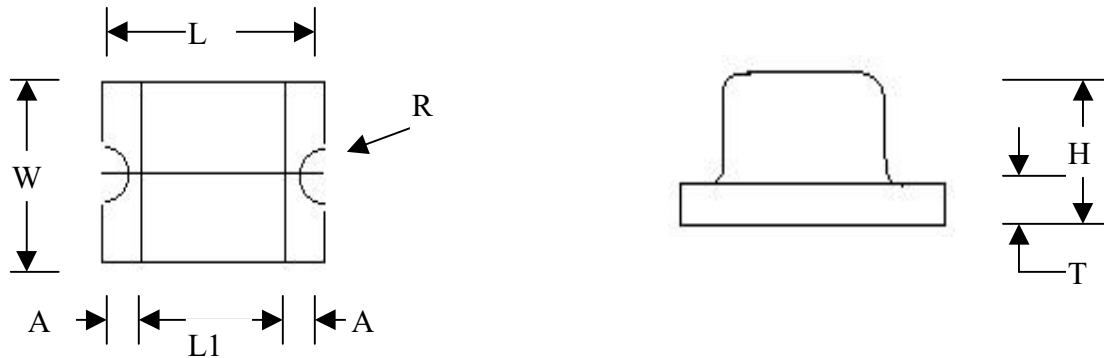
Ultra small size. Low capacitance, Rapid time response.

### Applications

Temperature sensor for home electronics, automobile, medical and industrial usage.

Temperature detection for computer and fire alarm.

### Dimensions



Dim. Type	L (±0.2)	W (±0.2)	L 1	A	R	H (±0.2)	T (±0.05)
1206	3.2	1.6	2.0	0.6	0.25	1.1	0.5
0805	2.0	1.25	1.4	0.3	0.15	1.0	0.3
0603	1.6	0.8	1.0	0.3	0.15	0.8	0.3

### Part number and specifications

Part No	Resistance @25°C(KΩ)	B25/85 (K)	Tolerance Of Resistance	δ (mW/°C)	τ t(sec.)	Operating Temperatuer
CT302D	3	3510	1, 3, 5%	1	7	-40~+100°C
CT502C	5	3324	1, 3, 5%	1	7	-40~+100°C
CT103C	10	3435	1, 3, 5%	1	7	-40~+100°C
CT103D	10	3950	1, 3, 5%	1	7	-40~+100°C
CT203D	20	3950	1, 3, 5%	1	7	-40~+100°C
CT303D	30	3950	1, 3, 5%	1	7	-40~+100°C
CT473D	47	3950	1, 3, 5%	1	7	-40~+100°C
CT503D	50	3965	1, 3, 5%	1	7	-40~+100°C
CT104D	100	4040	1, 3, 5%	1	7	-40~+100°C

There are three tolerance of B constant: ±1% , ±2%, ±3%.