

■SMD SERIES (Chip Thermistor)

●Feature :

- (1)Miniature size
- (2)No lead, ideal for high density SMT installation
- (3)Superior soldering ability and resistance to soldering heat
- (4)Ideal for wave or reflow soldering

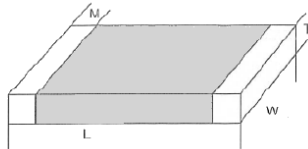
●Application:

- (1)Temperature compensation of IC, LCD, transistor, crystal oscillator of mobile communications equipment
- (2)Temperature sensor for rechargeable
- (3)Temperature sensor for CPU
- (4)Temperature compensation for several kinds of circuits

●PART Number :

SMD	B		35Z	103	J	N	T
Chip NTC thermistor	Size code		B-Value	Resistance of 25°C (Ω)	Tolerance	Termination	Packing
	Code	Inches				Pd Nickel Barrier	Bulk Tape & Reel

●Dimension (inch/ mm) :



類型 Size	L (長 Length)	W (寬 Width)	T (厚 Thickness)	M 端頭寬 Width of the termination point)
0402 (1005)	.04 ± .006 (1.0 ± 0.15)	.02 ± .004 (0.5 ± 0.10)	.024max (0.60max)	.004min (0.10min)
0603 (1608)	.063 ± .006 (1.6 ± 0.15)	.031 ± .006 (0.8 ± 0.15)	.037max (0.95max)	.004min (0.10min)
0805 (2012)	.08 ± .008 (2.0 ± 0.20)	.05 ± .008 (1.25 ± 0.2)	.05max (1.25max)	.008min (0.15min)
1206 (3216)	.126 ± .008 (3.2 ± 0.20)	.063 ± .008 (1.6 ± 0.20)	.063max (1.60max)	.008min (0.20min)

●Product series :

0402系列/0402series

規格型號 Part No.	25°C 電阻值 (KΩ) Resistance at 25°C	B值25/50°C (K) B-Value
SMDX30F102□	1.0	3050
SMDX32F222□	2.2	3250
SMDX33Z332□	3.3	3300
SMDX33F472□	4.7	3350
SMDX34Z682□	6.8	3400
SMDX34Z103□	10	3400
SMDX39Z103□	10	3900
SMDX39Z153□	15	3900
SMDX35Z223□	22	3500
SMDX39F333□	33	3950
SMDX40Z473□	47	4000
SMDX40Z683□	68	4000
SMDX40F104□	100	4050
SMDX42Z224□	220	4200

0603系列/0603 series

規格型號 Part No.	25°C 電阻值 (KΩ) Resistance at 25°C	B值25/50°C (K) B-Value
SMDA32Z221□	0.22	3200
SMDA32Z331□	0.33	3200
SMDA32F471□	0.47	3250
SMDA32F681□	0.68	3250
SMDA33F102□	1.0	3350
SMDA34F222□	2.2	3400
SMDA34Z332□	3.3	3400
SMDA34Z472□	4.7	3400
SMDA34Z682□	6.8	3400
SMDA35F103□	10	3550
SMDA39Z103□	10	3900
SMDA39Z153□	15	3900
SMDA39F223□	22	3950
SMDA40Z333□	33	4000
SMDA41Z473□	47	4100
SMDA40Z683□	68	4000
SMDA42Z104□	100	4200
SMDA42Z224□	220	4200



0805系列 / 0805 series

規格型號 Part No.	25°C 電阻值 (KΩ) Resistance at 25°C	B值25/50°C (K) B-Value
SMDB32Z221□	0.22	3200
SMDB32Z331□	0.33	3200
SMDB32F471□	0.47	3250
SMDB32F681□	0.68	3250
SMDB33F102□	1.0	3350
SMDB34Z222□	2.2	3400
SMDB34Z332□	3.3	3400
SMDB34Z472□	4.7	3400
SMDB34Z682□	6.8	3400
SMDB35F103□	10	3550
SMDB39Z103□	10	3900
SMDB39F153□	15	3950
SMDB39F223□	22	3950
SMDB40F333□	33	4050
SMDB41F473□	47	4150
SMDB42Z683□	68	4200
SMDB42F104□	100	4250
SMDB43Z224□	220	4300
SMDB47Z474□	470	4700

1206系列 / 1206 series

規格型號 Part No.	25°C 電阻值 (KΩ) Resistance at 25°C	B值25/50°C (K) B-Value
SMDB32Z221□	0.22	3200
SMDB32Z331□	0.33	3200
SMDB32F471□	0.47	3250
SMDB32F681□	0.68	3250
SMDB33F102□	1.0	3350
SMDB34Z222□	2.2	3400
SMDB34Z332□	3.3	3400
SMDB34Z472□	4.7	3400
SMDB34Z682□	6.8	3400
SMDB35F103□	10	3500
SMDB39Z103□	10	3900
SMDB39F153□	15	3900
SMDB39F223□	22	3950
SMDB40F333□	33	4000
SMDB41F473□	47	4100
SMDB42Z683□	68	4100
SMDB42F104□	100	4200
SMDB43Z224□	220	4300

備註 REMARK

○ 備註 REMARK

- □: 表示阻值誤差 (J: ±5%, K: ±10%)
- B 值誤差 ±3%
- 使用溫度範圍 -40 ~ +125°C
- 額定功率 0805 系列 100mW, 0805 系列 200mW, 1206 系列 250mW.
- 特殊型號可訂做
- □: Resistance tolerance (J: ±5%, K: ±10%)
- B-Value Tolerance ±3%
- Operating Temperature Range -40 ~ +125°C
- Rated Power 0805 series 100mW, 0805 series 200mW, 1206 series 250mW
- Special type can be produced specially