



## 负温度系数(NTC)热敏电阻器

### Negative temperature coefficient (NTC) thermistor

#### CMF片式NTC热敏电阻器

##### Chip NTC Thermistor

#### ● 特点

- 体积小
- 无引线, 适合高密度表面贴装
- 优良的可焊性及耐热冲击性
- 适合波峰焊及再流焊

#### Characteristics

- Miniature size
- No lead, ideal for high density SMT installation
- Superior solderability and resistance to soldering heat
- Ideal for wave or reflow soldering

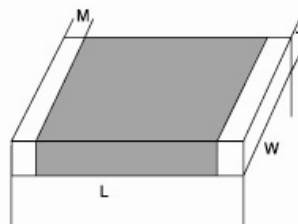
#### ● 用途

- 半导体集成电路、液晶显示、晶体管及移动通信设备用石英振荡器的温度补偿
- 可充电电池的温度探测
- 计算机微处理器的温度探测
- 需温度补偿的各种电路

#### Applications

- Temperature compensation of IC, LCD, transistor, crystal oscillator of mobile communications equipments
- Temperature sensor for rechargeable bat teries
- Temperature sensor for CPU
- Temperature compensation of several kinds of circuits

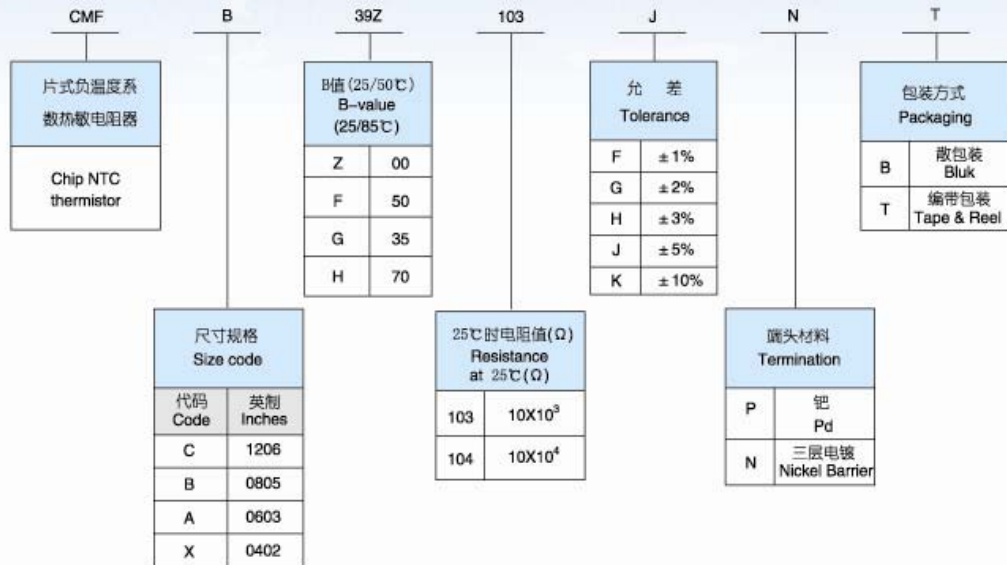
#### ● 外形结构和尺寸 Dimensions(mm)



类型	Size	L(长)	W(宽)	T(厚)	M(端头宽)
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)	.006min (0.15min)
1206	(3216)	.126 ± .008 (3.2 ± 0.20)	.063 ± .008 (1.6 ± 0.20)	.063max (1.60max)	.008min (0.20min)



### ● 型号命名 Part Numbering



### ● 产品系列 Product series

#### 0402系列 0402 SERIES

规格型号 Part No	25°C 电阻值 (KΩ) Resistance at 25°C (KΩ)	B值 25 / 85°C (K) B-value 25/85°C (K)
CMFX39F103 □	10	3950
CMFX40F473 □	47	4050
CMFX40F104 □	100	4050

#### 0603系列 0603 SERIES

规格型号 Part No	25°C 电阻值 (KΩ) Resistance at 25°C (KΩ)	B值 25 / 85°C (K) B-value 25/85°C (K)
CMFA34F103 □	10	3435
CMFA39H103 □	10	3970
CMFA39Z223 □	22	3900
CMFA39F473 □	47	3950
CMFA39F104 □	100	3950
CMFA39F224 □	220	3950
CMFA35F103 □	10	3550
CMFA39F683 □	68	3950
CMFA41Z564 □	560	4100

#### 0805系列 0805 SERIES

规格型号 Part No	25°C 电阻值 (KΩ) Resistance at 25°C (KΩ)	B值 25 / 85°C (K) B-value 25/85°C (K)
CMFB34G472 □	4.7	3435
CMFB34G103 □	10	3435
CMFB35F103 □	10	3550
CMFB39Z223 □	22	3900
CMFB40Z473 □	47	4000
CMFB40Z104 □	100	4000
CMFB39H103 □	10	3970
CMFB32Z202 □	2	3200
CMFB36F153 □	15	3650
CMFB40F333 □	33	4050

#### 1206系列 1206 SERIES

规格型号 Part No	25°C 电阻值 (KΩ) Resistance at 25°C (KΩ)	B值 25 / 50°C (K) B-value 25/50°C (K)
CMFC32Z221 □	0.22	3200
CMFC32Z331 □	0.33	3200
CMFC32F471 □	0.47	3250
CMFC32F681 □	0.68	3250
CMFC33F102 □	1.0	3350
CMFC34Z222 □	2.2	3400
CMFC34Z332 □	3.3	3400
CMFC34Z472 □	4.7	3400
CMFC34Z682 □	6.8	3400
CMFC35Z103 □	10	3500
CMFC39Z103 □	10	3900
CMFC39Z153 □	15	3900
CMFC39F223 □	22	3950
CMFC40Z333 □	33	4000
CMFC41Z473 □	47	4100
CMFC41Z683 □	68	4100
CMFC42Z104 □	100	4200
CMFC43Z224 □	220	4300