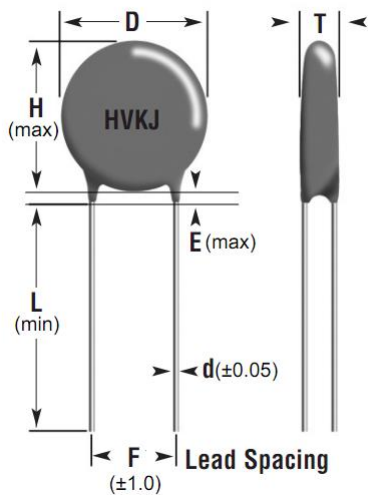


CTC-T3M4C102M2B

形状/Shape:



100 °C
最高使用温度 max

尺寸/Size: (Unit:mm)

Diameter	D	18.5	max.
T size	T	7.8	max.
H size	H	Diameter+1.0	max.
Lead spacing	F	12.5	±1.0
Lead diameter	d	0.8	±0.05
Paint dripping	E	3.0	max
Lead length	L	25	min

净重/Net Weight:

最小包装数量/Min Packing Qty:

7.2	克/只 (约) Gram /Pieces (approx)	100	只/袋 Pieces/Bag
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规格/Specifications

温度特性引用标准 / Temperature characteristics (Complied standard)	GB/T5966-2011 / (JIS)	
标称容量 / Capacitance	1000	pF
额定电压 / Rated voltage	15	kV(DC)
允许误差 / Tolerance	M	
温度系数 / Temperature coefficient	ZM	
温度特性使用温度范围 / Temperature range of temperature characteristics	-25~+85	°C
工作温度范围 / Operating temperature range	-25 ~+100	°C

CTC-T3M4C102M2B

零件编号解释/ Part Numbering Notes

CT C-T3M 4C 102 M 2B B

1 2 3 4 5 6 7 8
Bulk

1. 产品系列/Product Series

CT

瓷介电容器系列。
Ceramic Dielectric Capacitor Series.

2. 引用标准/Reference Standard

C

JIS 执行标准, 高电压 10KV 以上。
JIS Reference Standard, High Voltage Ceramic Capacitors (over 10kV)

3. 温度特性/Temperature Characteristics

代码 Code		电介质材料 Dielectric Material	电容器温度范围变化率 Cap. Changeor Temp. Coeff.	温度范围 Temp. Range
SL	SL	N300	-1000~+350ppm°C	-20~+85°C
YL	YL	N900	-3300~+500ppm°C	-20~+85°C
T3M	ZM	N4700	-4700~+1000ppm°C	-20~+85°C
xB	B	1B(1200), 2B(2500), 3B(3500), 4B(4700)	±10%	-25~+85°C
xE	E	1E(3500), 2E(5000), 3E(7500), 4E(9000)	+20%/-55%	-25~+85°C
xF	F	1F(9000), 2F(12000), 3F(15000), 4F(18000)	+30%/-80%	-25~+85°C
2R	R	N2200	+15%/-30%	-25~ +125°C

Note: "x" 表示可代换数字。 / "x" Represents substitutable numbers.

4. 电压表示/Voltage Expression

代码/Code	额定电压/Rated Voltage
4A	DC10KV
4B	DC12KV
4C	DC15KV
4D	DC20KV
4E	DC25KV
4F	DC30KV
4G	DC40KV

5. 容量表示/ Capacitance Representation:

CTC-T3M4C102M2B

$$102 = 10 \times 100 = 1000\text{pF}$$

↓ ↓ ↓ 第三位数字表示倍数/Third bit representation multiple: 0= x1, 1= x10, 2= x100, 3= x1000, 4= x10000...
 ↓ 第二位有效数字/Second significant digits.
 ↓ 第一位有效数字/First significant digit.

6. 容量误差/Capacitance Tolerance

代码/Code	误差/Tolerance
J	±5%
K	±10%
M	±20%
Z	+80%/-20%

7. 引线类型/Lead Type (CT81 Series)

代码/Code	引线长度/Lead Type	引线距离/Lead Spacing	引线直径/Lead Diameter
1H	Straight Long	5.0 mm	∅ 0.5 mm
1K		7.5 mm	∅ 0.5 mm
2A		10.0 mm	∅ 0.6 mm
2B		12.5 mm	∅ 0.8 mm
2C		15.0 mm	∅ 0.8 mm
2D		17.5 mm	∅ 1.00 mm
2E		20.0 mm	∅ 1.20 mm

温度特性曲线图/Typical Temperature Characteristics Curve: (ZM)

