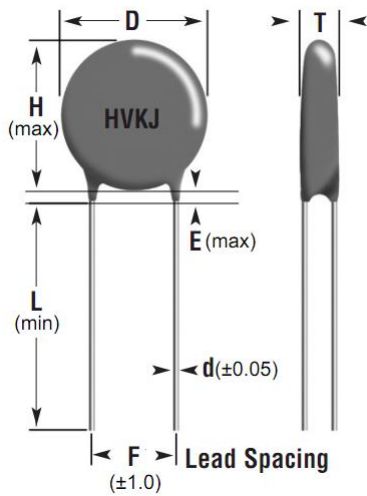


### CT82-2B4C222M2DB

#### 形状/Shape:



SGS

RoHS  
COMPLIANT

100 °C  
最高使用温度 max

#### 尺寸/Size: (Unit:mm)

Diameter	D	20.0	max.
T size	T	8.5	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:

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

温度特性执行标准 / Temperature characteristics (Executive standard)	GB/T5966-2011 / (JIS)		
标称容量 / Capacitance		1000	pF
额定电压 / Rated voltage	@25°C, (DC)	15	kV
测试电压 / Test voltage	1KHz ±20% , 5S	1.5UR	-
允许误差 / Tolerance	M	±20%	-
温度系数 / Temperature coefficient	B	±10%	-
损耗因数 / Dissipation Factor (D.F.)	Max	≤1.5%	-
绝缘电阻 / Insulation Resistance (I.R.)	Min	10,000	MΩ
温度特性使用范围 / Temperature range of temperature characteristics		-25 ~ +85	°C
电容器工作温度范围 / Capacitor operating temperature range		-25 ~ +100	°C
存储温度范围 / Storage temperature range		-40 ~ +125	°C

### CT82-2B4C222M2DB

#### 零件编号解释 / Part Numbering Notes

CT   82 - □□   □□   □□□   □   2□   B  
1   2   3   4   5   6   7   8

#### ① 产品系列/Product Series

<b>CT</b>	瓷介电容器系列。 / Ceramic Capacitor Series.
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#### ② 引用标准/Reference Standard

<b>82</b>	JIS 执行标准,高电压 10KV 以上。 JIS Reference Standard, High Voltage Ceramic Capacitors (over 10kV)
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#### 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
<b>SL</b>	<b>SL</b>	N300	-1000~+350ppm°C	-20~+85°C
<b>YL</b>	<b>YL</b>	N900	-3300~+500ppm°C	-20~+85°C
<b>ZM</b>	<b>ZM</b>	N4700	-4700~+1000ppm°C	-20~+85°C
<b>*B</b>	<b>B</b>	1B(1200),2B(2400), 3B(3500), 4B(4700)	±10%	-25~+85°C
<b>*E</b>	<b>E</b>	1E(3500),2E(5000), 3E(7500), 4E(9000)	+20%/-55%	-25~+85°C
<b>*F</b>	<b>F</b>	1F(9000),2F(12000),3F(15000),4F(18000)	+30%/-80%	-25~+85°C
<b>2R</b>	<b>R</b>	N2200	+15%/-30%	-20~+125°C

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

#### ④ 电压表示/Voltage expression

代码 / Code	额定电压 / Rated Voltage
<b>4A</b>	DC10KV
<b>4B</b>	DC12KV
<b>4C</b>	DC15KV
<b>4D</b>	DC20KV
<b>4E</b>	DC25KV
<b>4F</b>	DC30KV
<b>4G</b>	DC40KV
<b>4H</b>	DC50KV
<b>4M</b>	DC35KV

### CT82-2B4C222M2DB

#### ⑤ 容量表示 / Capacitance Representation:

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

↓ ↓ ↓ 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 (CT82 Series)

代码 / Code	引线长度 / Lead Type	引线距离 / Lead Spacing	引线直径 / Lead Diameter
2B	Straight Long	7.5mm	Ø0.6mm
2C		10.0mm	Ø0.6mm
2D		12.5mm	Ø0.8mm
2E		15.0mm	Ø1.0mm
2F		38.0mm	Ø1.70mm

#### ⑧ 包装 / Packaging

代码 / Code	包装表示 / Packaging
B	散装 / Bulk

#### 温度特性曲线图 / Typical Temperature Characteristics Curve: ( B/Y5P )

