

High Voltage Y5P ceramic capacitor

- **Product Description**

- Capacitance:0.35f~1000f
- Tolerance:10%
- Operating Temperature:-40°C ~ +70°C
- Rated Voltage:2.5v
- Delivery time:7-15days
- Certification:ROHS /REACH/CE
- Capacitance:0.35f~1000f
- Application:smart watch, soldier hit power supply

Product Description

Product Name	Ceramic Capacitor 471M 6KV
Material	Y5V, Y5U, Y5P
Function	The AC disc ceramic have dielectric of high dielectric constant ceramic and encapsulation of flame retardant epoxy. These capacitors are used in circuits of noise suppression circuits of power supply for general electronic equipment, and may be used as antenna coupling, crossing and bypass circuit.
Package	Taping, bulk package

- **Product performance description**

High-voltage ceramic chip capacitors are ceramic capacitors. One of their key properties is high withstand voltage. 1KV, 2KV, 3KV, 6KV and other voltages are common. The outstanding advantages of ceramic capacitors are: 1. The consumption of capacity has a high stability with the frequency of heat. 2. Additional series organization is in line with high voltage and long-term working reliability. 3. High current increases the rate and is applied to the non-inductive structure of high current closed circuit. High-voltage ceramic capacitors are also suitable for use in high-voltage bypass systems or for functions such as filtering, energy storage, isolation, and impedance conversion, so many manufacturers use them in receiving electromagnetic signals and in scanners.

HT Series 高压高介电常数型陶瓷电容器

High Voltage High Dielectric Constant Disk Ceramic Capacitor

● 特性

具有多种温度级别，适用于作高压旁路或耦合电路中

● Feature

The capacitor have various category of T.C, widely used in all sorts of electronic instrument and high voltage by-passing or coupling circuit.



技术要求参照标准 Specification Reference Standard	IEC 60384-14 ; EN 60384-14 ; IEC UL60384 ; K 60384
额定电压 Rated Voltage(U R)	500 / 1K / 2K / 3K / 4K / 5K / 6K VDC
电容量范围 Capacitance Range	100pF ~ 100000pF
耐电压 Voltage Proof	<500V, 2.5U R ; ≥500V ≤3KV, 1.5UR + 500V ; >3KV, 1.2UR
电容量偏差 Capacitance Tolerance	Y5P, Y5U ± 10%(K) ; Y5U, Y5V ± 20%(M)
介质损耗 Dissipation Factor (tg δ)	Y5P, Y5U, Y5V: tg δ ≤ 2.0% ; Y5P(低损耗型): tg δ ≤ 0.5% ; Y5R: tg δ ≤ 0.3%
绝缘电阻 Insulation Resistance(IR)	IR ≥ 4000M Ω, 1min, 100VDC
使用温度范围 Operating Temperature	-25℃ ~ +85℃
温度特性 Temperature Characteristic	Y5P, Y5U, Y5V

JK Series 安规陶瓷电容器-Y2

Safety Standard Certified Ceramic Capacitor - Y2 300 VAC

● 特性

抑制电源电磁干扰用电容器。具有高介电系数的陶瓷介质和阻燃环氧树脂封装。适用于电子设备的电源电路噪音压制电路中。也可用作天线耦合接和旁路电路中

● Feature

The ac disc ceramic capacitors have dielectric of high dielectric constant ceramic and encapsulation of flame retardant epoxy. these capacitors are used in circuits of noise suppression circuit of power supply for general electronic equipment, and may be used as antenna coupling, crossing and bypass circuit.



技术要求参照标准 Specification Reference Standard	IEC 60384-14 ; EN 60384-14 ; IEC UL60384 ; K 60384
认证标志 Approved Monogram	VDE / ENEC / UL / CSA / CQC
等级 Subclass ; 额定电压 Rated Voltage(U R)	X1 / Y2 ; 400VAC/125VAC/250VAC/300VAC
电容量范围 Capacitance Range	100pF ~ 10000pF
耐电压 Voltage Proof	2000VAC for 1min
电容量偏差 Capacitance Tolerance	Y5P ± 10%(K) ; Y5U, Y5V ± 20%(M) measured at 25℃, 1Vrms, 1KHz
介质损耗 Dissipation Factor (tg δ)	Y5P, Y5U tg δ ≤ 2.5% ; Y5V tg δ ≤ 5% measured at 25℃, 1Vrms, 1KHz
绝缘电阻 Insulation Resistance(IR)	IR ≥ 10000M Ω, 1min, 100VDC
使用温度范围 Operating Temperature	-25℃ ~ +85℃ ; -25℃ ~ +125℃
温度特性 Temperature Characteristic	Y5P, Y5U, Y5V
阻燃环氧树脂 Flame Retardant Epoxy	UL94-V0