

Where can I buy high voltage ceramic capacitors?

Pricing (USD) Filter the results in the table by unit price based on your quantity. High Voltage Ceramic Capacitors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for High Voltage Ceramic Capacitors.

Who makes high voltage capacitors?

High Voltage Ceramic Capacitors manufactured by Vishay, a global leader for semiconductors and passive electronic components.

What is a high voltage capacitor?

The active power (or losses) being: $W_a = 2 \pi f C \tan \delta V^2 = k (C \tan \delta) (f V^2)$ Capacitors free of "partial discharge" (corona) effect, up to rated rms voltage. upon request. High voltage capacitors for AC uses are mainly made of type II dielectrics. Most of these materials except strontium titanate exhibit a significant non-linearity.

What are the characteristics of HV ceramic disc capacitors?

Coupling, by-passing high frequency circuits also use HV ceramic disc capacitors. - a high internal resistance. - a high dielectric strength. - low or moderate losses at working frequencies (from 50 Hz up to 10 kHz). The active power (or losses) being: $W_a = 2 \pi f C \tan \delta V^2 = k (C \tan \delta) (f V^2)$

What type of ceramic capacitors does Ste manufacture?

STE mainly produce disk type ceramic capacitor, including Y1/Y2 safety certified capacitor (CT7 Series), high-voltage DC ceramic capacitor (CC81/CT81 Series).

What is a ceramic disc capacitor used for?

(50 & 60Hz) Uncoated discs without fixtures The main applications include live line indicators, AC dividers, grading systems for power distribution network, protection for HV switches and power circuit breakers. Coupling, by-passing high frequency circuits also use HV ceramic disc capacitors. - a high internal resistance.

Vishay / Roederstein High-Voltage Ceramic Capacitors provide high capacitance values of up to 2000pF and a voltage range of 10kV to 20kV in a small package size. These high-reliability capacitors consist of a ceramic disc with silver-plated sides, and connection leads that have tinned copper-clad steel wire construction. The high-voltage ...

Wide capacitance range 100pF to 1000pF; Wide operating voltage: 10KV ~ 15kV; High Power Rating; Withstand DC High Voltage

High-Voltage, High-Temperature (+200°C), COG Capacitors. KEMET's high-voltage,

high-temperature (HV-HT) series surface mount, COG, multilayer ceramic capacitors (MLCCs) are constructed of a robust and proprietary base metal electrode (BME) dielectric system that offers excellent performance at extreme temperatures. Features and Benefits

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High value, low leakage and small size are difficult parameters to obtain in capacitors for high voltage systems. KYOCERA AVX special high voltage MLC capacitors meet these performance characteristics and are designed for applications such as snubbers in high frequency power converters, resonators in SMPS, and high voltage coupling/DC blocking.

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Mouser??High Voltage Ceramic Capacitors ?????? ????????????

Leading Manufacturer of Film Capacitor, Ceramic Capacitor, Varistor and NTC Thermistor. Top 100 Enterprise in Electronic Component Industry Top 100 Enterprise in Electronic Component Industry Medium & High Voltage Ceramic ...

CC81/CT81 High Voltage Ceramic Capacitor (DC Voltage) Use for coupling, and by-pass circuit. Leading Manufacturer of Film Capacitor, Ceramic Capacitor, Varistor and NTC Thermistor. Top 100 Enterprise in Electronic Component ...

Since its establishment in 2003, CT Capacitors (Chuang Tian) has emerged as a leading ...

Since its establishment in 2003, CT Capacitors (Chuang Tian) has emerged as a leading manufacturer of High-Quality Multilayer Ceramic Capacitors (MLCC) in China. With a strong focus on innovation, quality, and customer satisfaction, CT Capacitors has successfully established itself as a trusted name in the global MLCC industry.

Made with a ceramic dielectric, known for its insulation properties, the high voltage, high power capacitors can withstand up to 120kVA. These high frequency power, ceramic disc capacitors can be supplied in diameters ...

High voltage capacitors use materials with high dielectric constant and therefore excellent volumetric efficiency. These are normally identified as Class 2 types and can be found in various applications including live line indication in electricity distribution networks and X-ray imaging and therapy power supplies, one specific material solution K1700 is used in high energy pulse ...

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