



Barbados High Voltage Ceramic Capacitors

High Voltage Ceramic Capacitors DC10-40kV Radial Lead Type DHR Series (DC10-15kV) Features 1. Small size 2. Coated with flame-retardant epoxy resin. Applications 1. Color TV doublers and triplers 2. High voltage DC power supplies (PPCs, X-ray apparatus, air cleaner, lasers, etc.) 3. Tuning capacitor in focus circuit for display (in mm) T max ...

Single Layer Ceramic Capacitors; Broadband Capacitors; Ultra-Broadband Capacitors (UBC) | 550/560 Series; Transmission Line Metal Insulator Metal (MIM) Capacitors; Inductors. ... High Voltage Polymer Capacitors. Selection of the market's highest voltage (up to 125V) polymer capacitors in standard SMD case sizes includes TCJ series and ...

High Reliability: Ceramic capacitors are famous for their extreme reliability and superior solidity. They are characterized by fault-tolerance, which is resistance to climatic conditions, including high temperatures, vibrations, and shock, and they can support applications with heavy loads. ... Voltage Rating: Capacitors made with ceramic can ...

Presidio Components High Voltage Capacitors, one of the world's leading manufacturers of high quality ceramic capacitors for space, military, microwave, fiber optic and custom applications. Hide . Show. InterdigitatedCap. High Frequency Interdigitated Stacks. MultilayerCeramicChips200x100.

Dielectric absorption may be a more prominent consideration for low-voltage (thin dielectric) ceramic capacitors than larger voltages. Measurement Method. Short circuit the capacitors for 4 - 24 hours. ... Coating for High Voltage MLCCs. For MLCC ratings $\geq 1500V$, it is recommended to apply a conformal coating to MLCC to prevent surface arcing. ...

High voltage MLCCs offering significant size and space saving benefits, available in class 1 (NPO), class 2 (X7R) and C48X (-2,200 ppm/ \times C) dielectrics. Designed in chips, molded and stacked configurations, these HV capacitors ...

A typical ceramic through-hole capacitor. A ceramic capacitor is a fixed-value capacitor where the ceramic material acts as the dielectric is constructed of two or more alternating layers of ceramic and a metal layer acting as the electrodes. The composition of the ceramic material defines the electrical behavior and therefore applications.

High-voltage Ceramic Capacitors DC10-40kV HIGH-VOLTAGE CERAMIC CAPACITORS Please read CAUTION and Notice in this catalog for safety. This catalog has only typical specifications. Therefore you are requested to approve our product specification or to transact the approval sheet for product specification, before your ordering. C41E1.pdf 01.10.23



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20000V (20kV) Capacitors - Ceramic Capacitors are in stock at Digikey. Order Now! 20000V (20kV) Capacitors ship same day ... -High Voltage High Voltage, Low Dissipation Factor. Applications. General Purpose RF, Microwave, High Frequency. Mounting Type-Chassis Mount Requires Holder Through Hole. Package / Case

Capacitor Technology Capacitance Range Peak Repetitive Voltage Continuous RMS Current Frequency; Snubber Capacitors: 0.01 to 10 μ F; 500 to 10,000 V: 10 to 120 Arms

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High Q power ceramic capacitors High Q multilayer capacitors, RF / Microwave Multilayer Capacitors, High Q MLCC. 4). High Voltage Chip SMD Ceramic Capacitors, High Voltage MLCC 250V, 500V, 1000V 1KV, 1500V, 2000V 2KV, 2500V, 3000V 3KV, 4000V 4KV, 5000V5KV, 6000V, 6KV, 7000V, 7KV, 8000V, 8KV, 9000V, 9KV 10KV HV MLCC. 5). High temperature ...

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

Just as the name implies, high voltage ceramic capacitors refer to the capacitors that apply to high voltage circuits, so it requires good withstand voltage performance. Normally it's above 1kv or 10kv. Below three tips can help you select a suitable model of high voltage capacitor more quickly. 1) Capacitance and Tolerance

High voltage MLCCs offering significant size and space saving benefits, available in class 1 (NPO), class 2 (X7R) and C48X (-2,200 ppm/ μ C) dielectrics. ... High Voltage Ceramic Capacitors TCK Series NPO. Main Features . Up to ...

High Voltage MLCC. Key Features: Case Sizes: 0805 - 2225. DC Voltages from 500 - 6KV. Dielectrics Type: NP0, X7R. Capacitance Range: 10pF - 0.47 μ F. Soft Polyterm μ ; available to ...

CalRamic has an extensive Library database of application notes encompassing all aspects of high voltage ceramic capacitors. In this database you can find detailed information around Soldering Multi-Layer Capacitors AN101, Wave ...

Downsized by 40% exclusively from Vishay, the radial-leaded single disk high voltage ceramic capacitor saves space, saves cost, and gains performance.



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KEMET's high-voltage ceramic capacitors have excellent CV values for use in commercial, automotive, and industrial applications. KEMET Electronics' high-voltage capacitors use proprietary technologies to offer a variety of form factors, case ...

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NY2/CK1 Series Ceramic Capacitors: o Low Loss o High Stability o RoHS Compliant

AVX also has its TurboCap line of "High CV SMPS Capacitors" stacked devices, like the ST203C227MAJ10 220 µF, 25 V, ±20 percent, X7R. This stacked ceramic part is 1.025 inches long, 0.22 inches wide and 0.30 inches tall. ESR at 100 KHz is ~1 mOhm and it costs \$22 ea./25+. Fig. 1: AVX offers the ST203 TurboCap series of stacked ceramic ...

High CV (Capacitance/Voltage) Ceramic Capacitors for LED drivers, lighting, DC-DC and AC-DC converters, power supplies, industrial controllers, and telecommunications applications. Ideal for smoothing, decoupling and ...

This article presents the characteristics and performances of a new range of high voltage ceramic capacitors manufactured using a new ceramic material. This dielectric allows to get under working voltage the same capacitance values than using an X7R material with the advantage of a very low dissipation factor typical for NPO/COG materials (less ...

High Voltage Ceramic Capacitors (DC250V-6.3kV) HIGH VOLTAGE CERAMIC CAPACITORS Please read rating and !CAUTION (for storage, operating, rating, soldering, mounting and handling) in this PDF catalog to prevent smoking and/or burning, etc. This catalog has only typical specifications. Therefore, you are requested to approve our product ...

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Surface Mount AC Power Ceramic Capacitors AC Safety Capacitors (UL/TUV Certified) Automotive Grade Mid-Voltage, High Capacitance AM Series EMI Filter & Decoupling Capacitors High Temperature Surface Mount MLCCs 200°C High Reliability North America MLCC High Voltage MLCC Large Size MLCC 500 - 5,000 VDC Surface Mount MLCCs 10 - ...

High Voltage Ceramic Capacitors DC10-40kV Radial Lead Type DHR Series (DC10-15kV) Features 1. Small size 2. Excellent heat-proof, humidity-proof and high-dielectric strength voltage. 3. Coated with



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flame-retardant epoxy resin. Applications 1. Color TV doublers and triplers 2. High voltage DC power supplies (PPCs, X-ray

KEMET High-Voltage $\geq 500V$ Capacitors are offered in a variety of form factors, case sizes, dielectrics, and capacitance values. These devices feature MLCC EIA case sizes from 0603 to 6560 and voltage ratings from 500V DC to 10,000V DC. KEMET High-Voltage Capacitors are ideal for commercial, automotive, and industrial applications.

CT81 HIGH VOLTAGE CERAMIC CAPACITOR Use for coupling, and by-pass circuit. Stable and high reliability products -25 : to +125 : RATED WORKING VOLTAGE CAPACITANCE RANGE 100pF - 10,000pF TEST VOLTAGE 2 times of the rated voltage. DISSIPATION FACTOR ($\tan \delta$) at 1 KHz, 1 D0.2 Vrms. 25 :

Multilayer Ceramic Capacitor (MLCC) from Knowles Precision Devices. We provide SMD MLCCs for High Q, High Temperature, High Voltage applications alongside standard MLCCs.

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About Us. HVC is an emerging manufacturer of high voltage ceramic capacitor and related hv components back from 1999, with production plant of 6000sq meter in Southern China Dongguan city. We are specialized in high voltage ceramic capacitors in both radial lead and doorknob type. We also have RF power capacitor, HV thick film resistors and HV rectifier diodes to ...

High Voltage SMT Ceramic Capacitors. Surface mount high voltage multilayer ceramic capacitors (HV MLCCs) appear to be pretty much identical to standard configuration MLCCs. They have the same basic form, fit and function, but there are several key differences. Typically, as a matter of definition, high voltage MLCCs have rated voltages that are ...

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 ...

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