

What is 103 1KV ceramic capacitor?

The 103 1KV Ceramic Capacitor is an exceptional electronic component designed to meet the demands of high voltage applications. With a capacitance value of 10,000 picofarads (pF) and a maximum voltage rating of 1 kilovolt (1,000 volts), this capacitor offers reliable performance and stability in challenging electrical circuits.

What is a high voltage ceramic capacitor?

High voltage ceramic capacitors are particularly suitable for applications requiring a high voltage (from 10 to 150 kV). They achieve very good performance under pulse and discharge conditions. Ceramic capacitors are suitable for such high voltages while reactive current remains low. Various disc types cover a wide range of capacitances and voltages.

What is a 103 monolithic capacitor?

The 103 monolithic capacitor is constructed using a single ceramic layer with a conductive material, typically a metal, acting as the electrode. The ceramic material used is usually barium titanate or a similar dielectric material. The capacitor's structure includes a protective coating to ensure durability and electrical insulation.

What is a 100V 104 ceramic capacitor?

The 100V 104 CERAMIC Capacitor is a 100nF 100V 104 Ceramic Disc Capacitor. It is a non-polarized through hole capacitor with 2 pin leads and connections. It has no polarity, meaning it can be connected in any direction. It is breadboard friendly and can easily be used on a perf board.

Who makes high voltage capacitors?

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

What is a Y5V capacitor?

With a capacitance value of 10,000 picofarads (pF) and a maximum voltage rating of 1 kilovolt (1,000 volts), this capacitor offers reliable performance and stability in challenging electrical circuits. This capacitor features a Y5V dielectric material, known for its high capacitance and wider tolerance compared to other ceramic capacitor types.

jb JYC DC High Voltage Ceramic Radial Type Disc Capacitors Author: jb; Capacitors Company  
Subject: JYC-DC-High-Voltage-Ceramic-Radial-Type-Disc-Capacitors Keywords: jb Ceramic ...

2KV Ceramic Capacitor 103 High Voltage capacitors are mainly used for high stability performances and low-loss devices. These devices provide very accurate results, and also the capacitance values of these capacitors are stable ...

TMCC02-HIGH VOLTAGE CERAMIC DISC CAPACITOR Key Specifications/Special Features: Operating temperature range: -25 to +85 degrees Celsius Working voltage: DC 1, 2, 3, 6.3, 10 ...

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Discover the fascinating world of high voltage ceramic capacitors as we explore their various ...

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The DEB series from Murata are radial Class 2 high voltage ceramic capacitors. These ...

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The 103 1KV Ceramic Capacitor, also known as a 10nF 1KV capacitor, is a ceramic-based passive component used to store and release electrical energy in electronic circuits. It is ...

The 103k 1kV ceramic capacitor combines reliable performance, high voltage tolerance, and ...

Discover the fascinating world of high voltage ceramic capacitors as we explore their various features, applications, and the technical specifications of a specific model: the 103 1kv ...

The 103k 1kV ceramic capacitor combines reliable performance, high voltage tolerance, and compact size, making it an excellent choice for businesses and traders in industrial ...

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The 103 monolithic capacitor, with a capacitance of 10,000 pF, is a versatile electronic component widely used for energy storage and signal coupling in electrical circuits. Its compact size, low inductance, and cost-effectiveness ...

Ultra stable ceramic capacitor; Highest quality and reliability, suitable for safety-critical industries; Dissipation factor under  $10 \cdot 10^{-4}$  at 1V rms and 1kHz (or 1MHz); Insulation resistance of ...

Product details of 10nF 10000pF .01uF 103 1KV 1000V High Voltage Ceramic Capacitor These capacitors consist of a ceramic disc with silver-plated sides and connection leads that have tinned copper clad steel wire construction. High ...

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They are smaller in size than aluminum electrolytic capacitors and use tantalum metal which results in a high capacitance value per volume. Tantalum capacitors are DC ...

103 Ceramic Disc Capacitors. Products (263) Datasheets; Images; Newest Products; ... High Voltage Ceramic Disc Capacitors: 20 % - 30 C + 105 C: HVCC: Bulk: Ceramic Disc Capacitors ...

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