

Capacitor specifications and prices

In practice, the commonly rated DC voltages of capacitors are 10 V, 16 V, 25 V, 35 V, 50 V, 63 V, 100 V, 160 V, 250 V, 400 V, and 1000 V. These voltages are mentioned on the body of the capacitor. The capacitors can be connected in series connections when they are ...

Find Capacitors on GlobalSpec by specifications. Capacitors are electronic components used for storing charge and energy. In their simplest form, capacitors consist of two conducting plates separated by an insulating material called the dielectric.

Understand capacitor prices in 2024. From AC units to electronics, explore costs, types, and factors affecting capacitor price. Get expert advice on replacement and purchasing.

Mouser stocks many types of capacitors including Ceramic, MLCC, Tantalum, Aluminum Electrolytic, Film, Polymer, and more. We also offer capacitor kits and capacitor hardware. A capacitor is an electronic component used to store energy. Capacitors consist of 2 metal plates that are separated by a dielectric (non-conductive electrical insulator).

There are many characteristics and specifications which appear on a capacitor's datasheet which holds significant value to the nature of the capacitor. These include terms such as the temperature coefficient, the capacitor's equivalent series resistance (ESR), insulation resistance, dielectric absorption and so on.

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What are some common general capacitor specifications Voltage ratings. A capacitor's voltage rating is an indication of the maximum voltage that should be applied to the device. The context of the rating is significant; in ...

2" Wide, 4 1/2" Tall; Commercial Grade Capacitor; From the Manufacturer: "This capacitor is used for a compressor motor and a fan motor start-up and operation of AC motors with frequency of 50Hz/60Hz such as Industrial Grade Replacement for Central Air-Conditioners, Heat Pumps, Condenser Fan Motors, and Compressors." Note: BOJACK makes a range of ...

High-voltage ceramic capacitors have the highest safety, followed by polyester capacitors and high-voltage aluminum capacitors. The lowest voltage resistance is for polymer capacitors and niobium oxide ...

Capacitors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Capacitors.

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Exploring the Specifications in Ceramic Capacitor 104 Datasheets. When delving into the detailed documentation of ceramic capacitor 104 datasheets, it becomes essential to familiarize oneself with the various specifications provided. These specifications serve as valuable indicators to assess the performance and compatibility of ceramic capacitors 104 in diverse electronic ...

Different types of capacitors have different lifespans. For example, electrolytic capacitors typically have a shorter lifespan compared to ceramic or film capacitors. Capacitors subjected to electrical stress beyond ...

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MINIATURE, AXIAL LEAD CAPACITORS Specifications: ... Price Each 1 50 100 500 MOUSER STOCK nO. Mfr. Mfr. Part no. For quantities of 1000 and up, call for quote. 100 WVdC 75-V730P105x9100 1.0 .421 x 1.0 250 WVdC 75-V730P104x9250 0.1 .279 x .75 75-V730P224x9250 0.22 .306 x 1.0 75-V730P474x9250 0.47 .422 x 1.0 75-V730P105x9250 1.0 ...

Additional Considerations: Tolerance: The tolerance indicates the allowable deviation from the marked capacitance value. It's often represented by a letter code (e.g., K for $\pm 10\%$, J for $\pm 5\%$). Voltage Rating: The maximum voltage a capacitor can withstand without breaking down. Temperature Coefficient: This indicates how the capacitance value changes ...

A capacitor (also known as a condenser) is a component in electronic circuits, that stores and releases electrical energy. It is made of conductive plates separated by an insulating material called the dielectric. When a voltage is applied across the plates, an electric field forms, causing positive charge to accumulate on one plate and ...

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