

What is a ceramic capacitor?

A capacitor is a passive electronic device that stores electric charge. Ceramic capacitors consist of two or more alternating layers of ceramic material as the dielectric and metal layers acting as the non-polarized electrodes. Applications include automotive, bypass, decoupling, filtering, RF, and ESD protection.

What is the best brand of ceramic capacitor?

AVX Ceramic Capacitors Cal-Chip GMC Johanson Dielectronics 201 Kemet C Murata GRM Nic NMC Novacap 0805 Panasonic ECJ Samsung CL Taiyo Yuden M TDK C Vishay / Vitramon VJ Walsin 0805 Yageo CC CONTENTS CROSS REFERENCE GUIDE

Which ceramic capacitor is the right fit for your circuit project?

Find the ceramic capacitor that will be the right fit for your circuit project. The Multicomp MCRR series capacitors are cost effective, radial leaded multilayer ceramic capacitors (MLCC) with X7R dielectric material. These MLCC capacitors consist of conducting material and electrodes with high density and high efficiency ceramic cond...

Why are ceramic capacitors popular?

Ceramic capacitors are cheap, reliable, and perform very well, making them popular. They are also available in a wide range of capacitances and voltage ratings. Modern ceramic capacitors are fabricated in bulk, allowing them to have anywhere from one to many thousands of layers.

What is a Class 1 ceramic capacitor?

Class 1 ceramic capacitor uses Para electric material such as Titanium dioxide (TiO₂). They are most accurate with most stable voltage and temperature. They have the lowest losses. Its capacitance value does not depend on the applied voltage.

What is a K series capacitor?

The K series from Vishay are radial leaded, multilayer ceramic chip capacitor with class 2, X7R dielectric used for general purpose applications. The capacitance value ranges from 100pF to 1µF. These capacitors are used in temperature compensation, couplin... You previously purchased this product. View in Order History

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