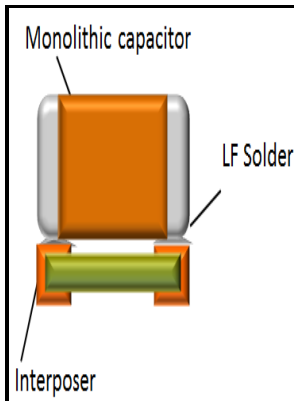


Manufacture of multilayer ceramic capacitors for surface mount applications.

The Author] - Surface Mount Multilayer Ceramic Chip Capacitors with Minimum Lead (Pb) Content for Cost



Description: -

-manufacture of multilayer ceramic capacitors for surface mount applications.

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Notes: Thesis (M. Sc. [Microelectronics and Microcomputer Applications]) - University of Ulster, 1991.

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Tags: #Surface #Mount #Multilayer #Ceramic #Chip #Capacitors #with #Minimum #Lead #(Pb) #Content #for #Cost

Multilayer Ceramic Capacitors (MLCC)

Electrode plates 58 are electrically connected to each of terminals 44, whereas electrode plates 60 are electrically connected to terminals 46.

Ceramic Capacitor

Our stringent quality control in every phase of production from material procurement to shipping ensures consistent manufacturing and superior quality. Other objects, features and aspects of the present invention are provided by various combinations and subcombinations of the disclosed elements, which are discussed in greater detail below. The ceramic dielectric is characterized by a nonlinear change of capacitance over the temperature range.

US5880925A

Multilayer chip capacitor 2007-02-05 2011-04-05 Samsung Electro-Mechanics Co.

GA355DR7GF472KW01L by Murata Manufacturing

In addition, it should be understood that aspects of the various embodiments may be interchanged both in whole or in part. This is followed by sintering at temperatures between 1,200 and 1,450 °C producing the final, mainly crystalline, structure.

Ceramic capacitor

The capacitor body further includes a plurality of first polarity electrical terminals and a plurality of second polarity electrical terminals located on the outer surface thereof. They therefore prevent equipment and machinery including motors, inverters, and electronic ballasts, as well as solid-state relay snubbers and spark quenchers from sending and receiving electromagnetic and radio frequency interference as well as transients in

across-the-line X capacitors and line-to-ground Y capacitors connections. New developments in ceramic materials have been made with anti-ferroelectric ceramics.

Presidio Components, U.S. Manufacturer of Space and Military Quality Ceramic Capacitors for RF, Microwave, High Temperature, Fiberoptic, high frequency, and custom commercial applications

Three-terminal capacitor 2011-12-19 2016-05-03 Xilinx, Inc.

Multilayer Ceramic Capacitors (MLCC)

A capacitor array as set forth in claim 29, wherein each of said first main electrode portions has at least four of said first lead structures extending therefrom. Multilayer capacitor array 2007-01-09 2011-06-14 Samsung Electro-Mechanics Co. Accordingly, it is an object of the present invention to provide an improved capacitor device.

Surface Mount Multilayer Ceramic Capacitors

SUMMARY OF THE INVENTION The present invention recognizes various disadvantages of prior art constructions and methods.

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