

Can a plastic film capacitor be flammable?

8. Passive flammability Although flame retardation epoxy resin or plastic case is used in the coating or encapsulating of plastic film capacitor, continuous outer high temperature or firing will break the coating layer or plastic case of the capacitor, and may lead to melting and firing of the capacitor element.

Can a capacitor be used with a DC rated voltage?

This capacitor is designed on the assumption that a 50 Hz or 60 Hz sine wave voltage is applied to the capacitor. When using a capacitor with a DC rated voltage type in an AC circuit, see "Voltage at Which DC Rated Voltage Type Capacitor Can be Used in AC Circuit."

Why does a film capacitor fail?

In the oven, the capacitor is exposed to heat higher than the mounting heat-resistant temperature, which causes the dielectric film to thermally shrink, thus causing a short failure. When a film capacitor is used with chip components, mount the film capacitor and solder it after the adhesive has cured.

Does a chip-type laminated film capacitor have an outer jacket?

A chip-type laminated film capacitor (ECHU, ECWU, ECPU) is not protected with an outer jacket. During cleaning processes, solder flux or a cleaner deposited on an element of the capacitor, may be activated and flow into the capacitor, causing a problem.

Should a capacitor be covered with a fire-resistant case?

We therefore recommend you cover the capacitor with a fire-resistant material or fire-resistant case. When a different component in the same circuit has short-circuited or developed an open failure, see to it that a voltage or current higher than the rated voltage or current or excessive heat is not applied to the capacitor.

What voltage should a capacitor be applied to?

film with flame retardant plastic case. Peak to peak voltage applied on the capacitor should be less than 240 Vp-p, and zero to peak voltage should be less than 450 Vo-p. (Derating of rated voltage by 1.25 %/°C at more than 85 °C)

To know the detailed specifications of each capacitor or specific evaluation test scores, please contact us. We issue a delivery specification sheet for each product ordered.

Product Name : Fan Capacitor - Exhaust/Drawing Fans BO type Rectangular Plastic Case BL type With mounting plates in case BT type With mounting metal plates on top of case BR type Round plastic case AXIAL type Axial lead and ...

Plastic case :UL94 V-0 Sealing :UL94 V-0 Terminal :Faston terminal (tin plating), Lead wire (tin plating),

Insulated wire ... *2 :These are typical values. Plastic Film Capacitors PMF series Film Capacitor for AC Motor Features Recommended applications Japan. Europe UL810/CSA C22.2 No.190 FILE No.E76560 CSA CSA C22.2 No.190 UL/cUL -5 ...

Non-inductive, (UL940V-0) plastic case sealed with epoxy resin. Used in across-the-line, interference suppression circuit Class X2 safety capacitors for 275V 305V 310VAC. Provides interference suppression capacitor with CQC, VDE, ENEC ...

Metallized polypropylene film capacitors (MKP) B32656S, B32658S Snubber (wound) Typical applications IGBT Snubbing Climatic Max. operating temperature: 110 °C Climatic category (IEC 60068-1:2013): 55/100/56 Construction Dielectric: polypropylene (PP) Wound capacitor technology with internal series connection Plastic case (UL 94 V-0)

Electrodes :Metallized plastic film Plastic case :UL94 V-0 Sealing :UL94 V-0 Terminal :Lead wire (tin plating), Plate terminal (tin plating) ... Please refer to an individual drawing Rated ... Metallized Polypropylene Film Capacitor Plastic Film Capacitors Features Recommended applications Explanation of part number Specifications 350 V ...

PLASTIC FILM CAPACITORS CAT.8100L EEC Metallized Polypropylene Film AC Power Capacitor Specifications Drawing Please refer to the next page. Item Performance Characteristics Maximum permissible ... In case of pin terminal dimension will be 37.0 ± 13.5 ± 28.0mm. (Code : ...

PTC thermistors in plastic case Series/Type: B5920* Date: December 2006 ... Dimensional drawing Dimensions in mm General technical data Operating cycles at Vmax ... Self-protecting resistor for capacitor charging PTC thermistors in plastic case J201, J202, J204

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jb Capacitors manufactures IGBT Snubber Capacitors. Renowned as one of the most prevalent series of film capacitors, our IGBT Snubber Capacitors boast exceptional quality at highly competitive prices in the market. Following are IGBT Snubber Capacitor features, specifications and ...

Caution items in using plastic film capacitors I. Operation voltage The plastic film capacitor varies in the maximum applicable voltage depending on the applied voltage waveform, current ...

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