

What are film capacitors?

The "film capacitors" were developed together with the growing market of broadcast and electronic equipment technology in the mid-20th century. These capacitors are standardized under the rules of IEC/EN 60384-1 "Capacitors for use in electronic equipment" and different "film materials" have their own sub standards, the IEC/EN 60384- n series.

Can film capacitors be used for high power applications?

The relatively simple fabrication technique of winding gives film capacitors the possibility of attaining even very large sizes for applications in the high power range, as so-called "power capacitors".

Who makes plastic film capacitors?

Suntan is a Hong Kong based manufacturer of plastic film capacitors such as Green Polyester Film Capacitor, Metallized Polyester Film Capacitor, Mini BOX metallized Film Capacitor, X2 Capacitor, Metallized Polyester Film Capacitor, and Polystyrene Film Capacitor, among others. Please refer to the below product list of Plastic Film Capacitors.

What is the capacitance of a plastic film capacitor?

The film/foil variants of plastic film capacitors are especially capable of handling high and very high current surges. Typical capacitance values of smaller film capacitors used in electronics start around 100 picofarads and extend upwards to microfarads.

What is a metallized film capacitor?

Metallized film capacitors are made of two metallized films with plastic film as the dielectric. A very thin (~ 0.03 mm ) vacuum-deposited aluminum metallization is applied to one or both sides to serve as electrodes.

What are capacitor products?

Capacitor products, also known as "condensers", are generally named and organized in reference to the dielectric material incorporated within, such as Aluminum Electrolytic & Ceramic to name a few.

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Types of Capacitors: Ceramic: Compact, stable, suitable for high-frequency, AC/DC circuits. Electrolytic: High-capacitance, polarized, found in power supplies. Film: Durable, ideal for ...

An electrostatic (non-polarized) capacitor type having generally favorable parameter stability and loss characteristics relative to other types, a wide variety of construction and material variations ...

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