

New Yorker Electronics

New Yorker Electronics Rolls Out New Series of Combination Film Capacitors from Electrocube

744B Series High Current Film Capacitors Handle High Surge Currents without Degrading

NORTHVALE, NEW JERSEY, USA – New Yorker Electronics is now stocking the new Electrocube 744B Series of Metallized Combination Capacitors IGBT Snubber. The 744B Series is part of a designated line of film capacitors specially designed and optimized for high current applications subject to AC and pulsing signals.

This film capacitor series offers high frequency operation and stability in a miniature package able to handle high surge currents without degrading. It's a rugged, non-inductively wound metallized capacitor with flame-retardant polyester outer wrap and a flame-retardant epoxy endfill.

The 744B Metallized Combination Capacitors IGBT (Insulated Gate Bipolar Transistor) Snubber has a temperature range of -55°C to +85°C at its rated voltage and an insulation resistance of greater than or equal to 30Kmeg X μ f, NTE 100Kmeg. Dielectric voltage tests show it will withstand 200% of DC rated voltage for a period not exceeding one minute at 25°C.

They are designed for high current applications such as in avionics, wind generation and other high power applications however other applications include pulse, filter circuits and audio amplifiers, speakers and musical instruments. Customizations are available on insulating sleeves, mountings, special terminals, non-standard leads, circuit connections and other hardware.

Features & Benefits

- Protective clear wrap offered on all wrap and fill units
- Tolerances available: \pm 5%, \pm 10%, \pm 20%
- Epoxy Resin endfills meet or exceed flammability requirements of UL94V0
- RoHs compliant
- May be used for frequencies up to 100 KHz
- Extended electrode construction
- Standard tin-coated, oxygen-free solid copper leads

Applications

- Avionics
- Wind Generation
- Pulse
- Filter Circuits
- Audio Amplifiers, Speakers and Musical Instruments

Assorted styles, ratings and customizations for uncommon requirements are designed as necessitated by special circuit applications (including higher IR or lower DF). Dimensional variations for all microfarad values are available with the same volume.

New Yorker Electronics is a franchise distributor of Electrocube and carries the entire line of Electrocube Capacitors,

Snubbers, Resistor- Capacitor Networks, RC Circuits, RC Filters, EMI Filters, Transformers and Rectifier Units.