

Line Extension

ECW-F(D) Series Metalized Polypropylene Film Capacitors



Compact Polypropylene Film Capacitors Now Available In 630 VDC!

Panasonic, a worldwide leader in Capacitor Products, introduces the **ECW-F(D) Series** of Metalized Polypropylene Film Capacitors now available in 630 VDC to their already existing product line. The **ECW-F(D) Series** parts are designed for DC applications that do not require a significant amount of pulse current and is the recommended product of choice for power factor correction and residential electronics applications. Panasonic's built-in fuse function, combined with the small case size of these Film Capacitors, make them appropriate for any application requiring DC linkage. Built-in fuse functionality ensures that **ECW-F(D) Series** parts open in the event of an unlikely failure, rather than creating a short circuit situation.

Features

- Voltage Range: 450 VDC and 630 VDC
- Capacitance Range : 0.47uF to 2.2uF
- Operating Temperature : - 40°C to +105°C
- Tolerance : $\pm 5\%$, $\pm 10\%$
- Flame Retardant Epoxy Resin Coating
- Excellent Frequency Characteristics
- RoHS Directive Compliant

Benefits

- Built-In Fuse Functionality (Self-Healing, Self-Protecting)
- Long Life, Highly Reliable
- Low Loss, Low ESR For Improved Power Efficiency
- Small Case Size Handles Large Capacitance Range
- Can Be Used For High Frequency Zone And Easy To Evaluate
- Fuse Function Creates an Open Circuit in the Unlikely Event of Failure
- Aluminum Rather than Aluminum Zinc Metalization — Does Not Overheat When Stressed
- Polypropylene Dielectric Capable of Withstanding More Stress than Polyester
- Recommended for a Wide Array of Industries

Industries

- Recommended For A Wide Array Of Industries
- Appliances (Inverter Circuit)
- Industrial Power Supplies
- UPS/Charger

Applications

- Inverter Circuit
- Active Filter Circuits

- High Frequency And High Current Circuits
- Snubber Circuits