

# Line Extension

## EZP-E Series Low Profile Metalized Polypropylene DC Link Film Capacitors



### Panasonic Now Offers These High-Power Film Capacitors In Low Profile 575 and 630 VDC Variants For DC Filtering and DC Link Circuits Where Low Height Is Required

Panasonic, a worldwide leader in Film Capacitor Products, introduces the **New Low Profile EZP-E Series Metalized Polypropylene DC Link Film Capacitors**. Recommended for DC linkage applications within a wide array of industries, the **Low Profile EZP-E Series** parts offers both 575 and 630 VDC options in small package sizes. Panasonic's built-in fuse function, combined with the low profile and small case size of these Film Capacitors make them appropriate for any application requiring DC linkage especially where low height on the board is a requirement. Built-in fuse functionality ensures that **EZP-E Series** parts open in the event of an unlikely failure, rather than creating a short circuit situation.

#### Features

- Voltage Range: 575 and 630 VDC
- Capacitance Range: 10 $\mu$ F to 12  $\mu$ F
- Operating Temperature Range: - 40°C to +85°C
- Tolerance:  $\pm$ 20%
- Highly Moisture Resistant
- Highly Reliable
- Flame Retardant Epoxy Resin Coating
- RoHS and REACH Compliant

#### Benefits

- Especially Good For Outdoor Use
- Can Improve Power Efficiency
- Built-In Fuse Functionality (Self-Healing, Self-Protecting)
- Long Life, Highly Reliable
- Low Loss, Low ESR
- Flame Retardant For Fire Safety Applications (UL94 V-0)
- Small Case Size Handles Large Capacitance Range
- 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

#### Industries

- Recommended For A Wide Array Of Industries
- Appliance
- Power Supplies
- General Industrial

## **Applications**

- AC to DC Inverter (DC Side Only)
- DC to DC Converter
- Wind Power Generation
- Solar Inverters
- Micro Inverters
- Industrial Power Supplies
- Any Application Requiring DC Linkage