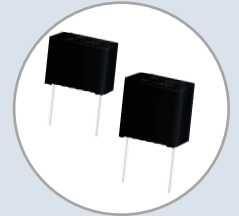


New Product Introduction

ECW-FJ Series Polypropylene Film Capacitors



800VDC and 1100VDC Options Available!

Panasonic Industry announces the new **ECW-FJ Series Polypropylene Film Capacitors (For Automotive)**. These Capacitors are specifically designed for use in DC/DC and AC/DC converter circuits in xEV applications, as well as in high-frequency, high-current environments.

Panasonic's **ECW-FJ Series Film Capacitors** feature an operating temperature range of -40° to 110°C , a rated voltage of 800V and 1100V, and a capacitance range of $1\mu\text{F}$ to $8\mu\text{F}$.

This Series provides high safety with an integrated fuse function, excellent thermal shock resistance (-40°C to 85°C , 1000 cycles), and optimal humidity resistance (40°C , 95% RH, rated voltage, 1000 hours) at a highly competitive price.

The **ECW-FJ Series** is a cost-effective alternative to other Film Capacitor Series while maintaining compliance with AEC-Q200 and RoHS compliance standards.

Features

- Optimal Humidity Resistance: 40°C , 95%RH, Rated Voltage, 1000h
- Fuse Function
- High Thermal Shock Resistance: -40°C - 85°C , 1000 Cycles
- High Endurance: 125°C , Rated voltage*1.2, 1000h

Benefits

- Ensure Long-Term Reliability and Improved Durability
- High Safety – Prevents Short Circuit Failures
- Improves Reliability in Harsh Environments
- Excellent for Critical/High Performance Environments

Industries

- xEV, EV
- Industrial Power Supplies
- UPS/Charger

Applications

- DC/DC, AC/DC Converter Circuit
- PFC Circuit
- High Frequency and High Current Circuits
- Smoothing Circuit