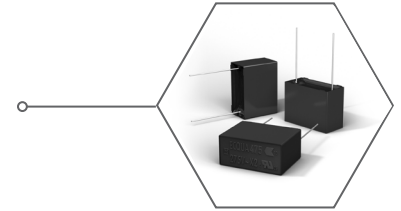


New Product Introduction

NEW ECQ-UA Series Metallized Polypropylene Film Capacitors (Automotive Type)

AEC-Q200 Compliant, Class X2-Rated Film Capacitors For Automotive Applications From Panasonic!



Panasonic, a worldwide leader in Capacitor Products, introduces the **NEW ECQ-UA Series Automotive Type Metallized Polypropylene Film Capacitors**. The **New AEC-Q200 Qualified and Class X2-Rated ECQ-UA Series Metallized Polypropylene Film Capacitors** benefits from Panasonic's original in-house patterned metallization process with fuse mechanism function. This unique technology delivers stable capacitance level over the product lifetime and a higher reliability of the application.

The **New ECQ-UA Series Film Capacitors** feature an operating temperature range of -40°C to 110°C , a rated voltage of 275 V.AC extendable to 305 V.AC for short periods and a nominal capacitance range of 0.1 μF up to 4.7 μF . A flame-retardant plastic case and non-combustible resin are utilized leading to accreditation in accordance with UL/CSA and European safety regulation for Class X2. All the products are fully RoHS and REACH compliant.

The **New ECQ-UA Series Film Capacitors** offer high humidity resistance (THB test: 85°C , 85%, 240V.AC, 1000 hours) and high thermal shock resistance ($-40^{\circ}\text{C} \leftrightarrow 85^{\circ}\text{C}$, 1000 cycles).

Functioning as interference suppression Capacitors, the **ECQ-UA Series** is ideal for a broad spectrum of applications including input / output filtering for charging stations or the input side of On-Board chargers, industrial power supplies, the range of EV / PHEV applications and renewable energy infrastructure.

The AEC-Q200 compliance of the **NEW ECQ-UA Series** ensures that these Film Capacitors are meeting the most stringent quality standards in the industry.

Features

- **AEC-Q200 Compliant Film Capacitors From Panasonic!**
- High Moisture Resistance: 85°C , 85%RH, 240 V.DC, 1000h
- High Thermal Shock Resistance: $-40^{\circ}\text{C} - 85^{\circ}\text{C}$, 1000 Cycles
- Operating Temperature Range: $-40^{\circ}\text{C} - +110^{\circ}\text{C}$
- Fuse Function
- Flame Retardant Plastic Case And Non-Combustible Resin
- High Safety (Built-In Self-Protecting Function)
- RoHS and REACH Compliant

Benefits

- Design In For Extremely Long-Term Outdoor Use
- Fuse Function Causes Open Circuits Upon Most Failures
- Flame Resistant Coating

Industries

- xEV
- Industrial Power Supplies
- UPS/Charger

Applications

- Interference Suppressors For Automotive



CAPACITORS

