Panasonic INDUSTRY

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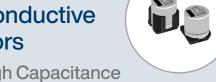
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New Product Introduction EEH-ZU(U) Series (SMD, High Temp. Reflow) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors



Panasonic's Newest Anti-Vibration Hybrid Capacitors for High Capacitance Requirements of up to 1,000 μF in a Small Case Size

Featuring High Ripple Current and Low ESR with High Endurance Rating of 125°C at 4,000 hours

Panasonic, a worldwide leader in Capacitor Products, announces the New EEH-ZU(U) Series (SMD, High Temp. Reflow) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors featuring the largest capacitance of the current polymer capacitor product lines. The EEH-ZU(U) Series Capacitors feature the highest ripple current handling capability of 6.1 ARMS maximum, a 60% increase over our previous series, at 125°C and 135°C, along with a high capacitance value of 1,000 μ F maximum, an 80% increase over our previous series, and the lowest ESR value of 8m Ω minimum. The EEH-ZU(U) Series also exhibits exceptionally high endurance with 4,000 hours at 125°C and 135°C. The new EEH-ZU(U) Series Capacitors can decrease the PCB area by up to 40% by reducing the capacitors required on the board.

The EEH-ZU(U) Series is AEC-Q200 Compliant and ideal for several "under the hood" Automotive, Telecommunication, Industrial, and General Power Applications.

Features and Benefits

- Rated Voltage of 25 ~ 63VDC
- Endurance Rating: 125°C/135°C for 4,000 hours
- AEC-Q200 Compliant
- Higher Ripple Current up to 6,1A

Industries

- Automotive
- Industrial
- Telecommunication
- Power Supply

- Capacitance 120µF ~ 1000µF
- Best in Class ESR min. $8m\Omega$
- Super Low Leakage Current
- 30G Vibration-Proof Parts Available

Applications

- Automotive
- Electric Power Steering
- 48V Inverter ISG/BSG
- 48V E-compressor
- High Current DC/DC Converters
- ADAS

Telecommunication

- DC/DC Converters
- AC/DC Converters in Base Stations, Servers, Routers, etc.
- Motor Inverters

Industrial/Power Supply

- DC Side of Inverter Circuit
- DC Side of Rectifier Circuit

