



New Product Introduction

New EEH-ZK(U) Series

Conductive Polymer Hybrid Aluminum Electrolytic Capacitors

Panasonic's New Technology Provides 20% Larger Capacitance In The Same Small Case Sizes Reducing The Number Of Capacitors Required

Panasonic, a worldwide leader in Capacitor Products, announces the **New EEH-ZK(U) Series Conductive Polymer Hybrid Aluminum SMD Electrolytic Capacitors**. Using large space-consuming axial, THT and SMD Capacitors to achieve low ESR requirements and good EMC behavior is passé. Panasonic Hybrid Capacitors, combining the advantages of Electrolytic Capacitors with those of solid Polymer Capacitors, have established themselves as reliant and across-the-board solutions in Automotive and Industrial applications alike. Hybrid technology offers low leakage current and long life in combination with low ESR in smaller case sizes. The **New EEH-ZK(U) Series** parts are available in 25 and 35 V.DC and are ideal when high temperature, high current capability and small case size are being demanded by the application. AEC-Q200 qualification ensures optimal quality and reliability.



Features

- High Capacitance: Increase Of 20% In Same Small Case Sizes
- High Temperature / Long Life: 4000 Hours at 125°C
- Minimum 8000 Hours at 115°C and 16000 Hours at 105°C (If All Recommended Specifications Are Followed)
- High Temperature Lead-Free Reflow
- Low Leakage Current
- Operating Temperature Range: -55 °C to +125 °C
- Rated Voltage Range: 25 to 35 V.DC
- Vibration-Proof Product Available (including 6.3mm diameter or greater)
- RoHS / REACH Compliant
- AEC-Q200 Qualified

Benefits

- Extremely High Endurance Ratings
- Vibration Variants Can Withstand Shocks Of As Much As 30G. Standard Parts Can Withstand 10G Maximum.
- AEC-Q200 Compliance ensures strict quality control standards are being enforced.

Industries

- Automotive
- Power Supply
- Industrial

Applications

- DC/DC Converters
- AC/DC Converter
- Under-The-Hood Applications (125°C)
- DC Side Of Both Inverter And Rectifier Circuits