



Line Extension

EEH-ZA & EEH-ZC Series

Vibration-Proof Hybrid Surface Mount Aluminum Electrolytic Capacitors

New Technology Combining the Excellent Benefits of Both Electrolytic and Polymer Capacitors. Panasonic, a worldwide leader in Capacitor Products, is pleased to announce the EEH-ZA and EEH-ZC Series Hybrid Surface Mount Aluminum Electrolytic Capacitors now available in New Vibration-Proof parts. These two Hybrid Capacitor Series take the benefits of both electrolytic and polymer capacitor technologies and combine them, producing a capacitor with low ESR, low leakage current, high ripple current and smaller case sizes. These combined benefits save valuable board space, enhance overall board performance and lower design costs.

Vibration Proof!



Features

- Vibration-Proof Product Now Available (08mm and larger)
- Operating Voltage Range: 25 to 63 VDC
- Rated Capacitance Range: 10 μ F to 330 μ F
- Operating Temperature Range:
 - ZA Series -55°C to +105°C
 - ZC Series -55°C to +125°C
- Case Size: 5x5.8 to 10x10.2
- Pb-Free High Temperature Reflow
- Endurance:
 - ZA Series - Up to 5,000 Hours at 105°C
 - ZC Series - Up to 4,000 Hours at 125°C
- Failure Mode - Open Circuit
- RoHS Compliant

Benefits

- Vibration-Proof
- Low ESR Values: 20m Ω to 120m Ω
- Low Leakage Current: 0.01 CV or 3 μ A
- Longer Endurance Than Current SMD Products
- Downsizing and Weight Reduction
- Open Up Valuable Board Space

Industries

- Industrial
- Automotive
- Alternative Energy

Applications

- DC/DC Converters, Good for Input Capacitor
- Switching Power Supplies
- Vehicle Control Module
- Smart Meter

Part Number Information

ZA Series

E	E	H	-	Z	A	1	H	1	0	1	
Product Code				Voltage		Capacitance Value			P = Taping V = Vibration-Proof		

Part Number Information

ZC Series

E	E	H	-	Z	C	1	H	1	0	1	
Product Code				Voltage		Capacitance Value			P = Taping V = Vibration-Proof		