

IN Your Future

Hybrid Capacitor

ZC series

AEC-Q200 compliance ensures that strict quality control standards are being enforced

The hybrid capacitor's ZC series of conductive polymer hybrid aluminum electrolytic capacitors takes the benefits of both electrolytic and polymer capacitor technologies and combines 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. Panasonic's ZC series includes 80VDC parts, a 120 μ F variant at 50VDC and a 68 μ F variant at 63VDC is also available based on demand. AEC-Q200 compliance for the entire ZC series of hybrid aluminum electrolytic/polymer capacitors from Panasonic ensures optimal quality and reliability.



Key Features

- Rated voltage of 25 to 80VDC
- High temperature / long life: 4000hours at 125°C
- AEC-Q200 compliant
- 30G vibration-proof parts available
- Low ESR and high ripple current
- Capacitance 10 μ F to 330 μ F
- RoHS compliant



Automotive

- Brake
- Pump
- EPS



Industrial / Communication

- AC/DC converter
- DC/DC converter
- Motor inverter (robotics etc.)



Power Supply

- DC side of inverter circuit
- DC side of rectifier circuit

[Click here for more information](#)

[For more details, please contact capacitor@eu.panasonic.com](mailto:capacitor@eu.panasonic.com)

Panasonic
INDUSTRY

Your Committed Enabler