

Low ESR/High Reliability/High Rated Voltage Conductive Polymer Hybrid Aluminum Electrolytic Capacitors

Overview

- Conductive polymer reduces ESR and enables high ripple current
- A combination of conductive polymers and electrolytes enables high voltage, operation in high-temperature environments, and long-term reliability

Advantages

- Low ESR: $\leq 15 \text{ m}\Omega$ ($\phi 10 \times 10 \text{ L}$); ripple current 3,400 mArms at 135°C
- High reliability: Supports operation up to 150°C for 2,000 hours
- High rated voltage: Withstands voltages of 63 V and above

Applications

- Widely used in a variety of automotive and industrial equipment applications

