

Overview

KEMET's A927 and A928 series is an electrolytic capacitor module with outstanding electrical performance, high ripple current, and high energy storage capabilities. This device contains a bank of PEH227 and PEH228 Radial Crown Aluminum Electrolytic Capacitors mounted on a copper bus bar, housed in a plastic case. Low ESR is the result of a low resistive electrolyte/paper system and an all-welded design. Optimal bus bar design enables a low ESL level. This modular device facilitates the integration on an application heat-sink.



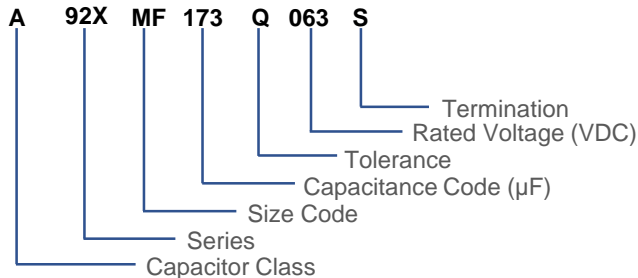
Benefits

- AEC-Q200
- 2,000 hours at 150°C
- Extremely High Ripple Current
- High Vibration Resistance

Applications

- Automotive
- 48V MHEV Inverters

Part Number System



Aluminum Electrolytic Capacitor Module

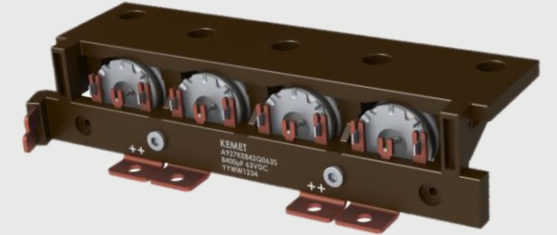
Electrical Characteristics

A927

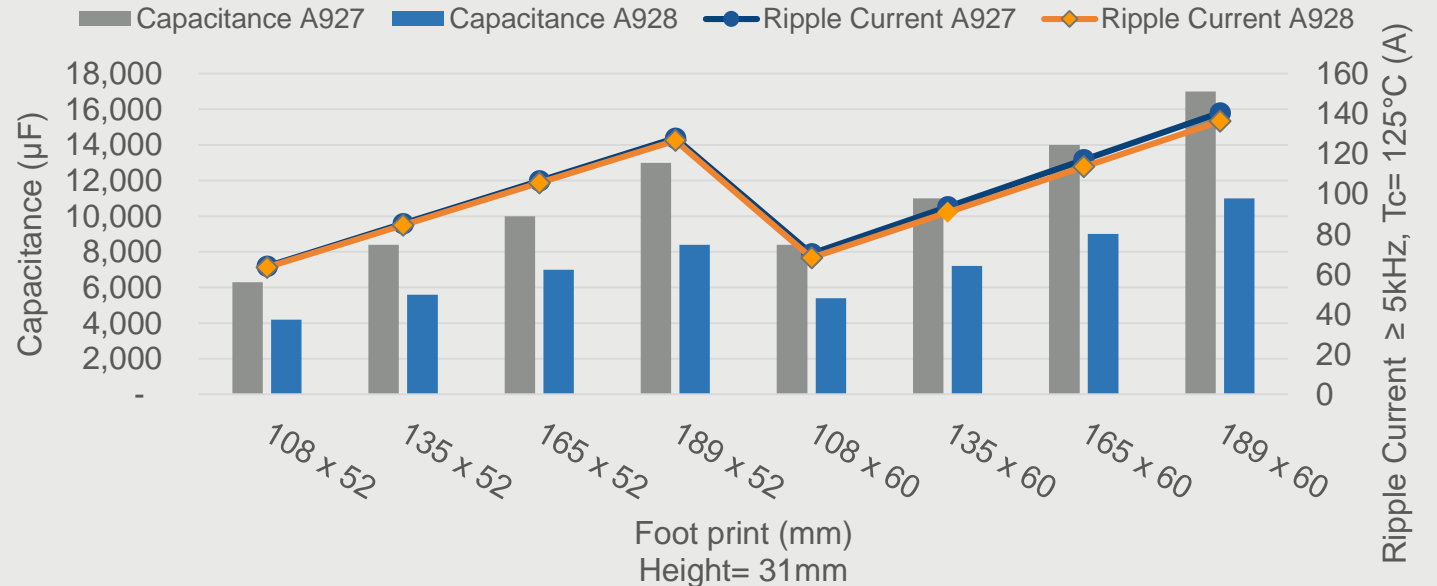
- Voltage: 63V
- Capacitance Range: 6,300 – 17,000 μF
- Operating Temperature: -40 to $+125^\circ\text{C}$ (-40 to $+150^\circ\text{C}$ at derated voltage)

A928

- Voltage: 63V
- Capacitance Range: 4,200 – 11,000 μF
- Operating Temperature: -40 to $+150^\circ\text{C}$



Capacitance and Ripple Current by Size



Find out more information [here](#)