Automotive Grade, 125°C, Long Life and High Voltage

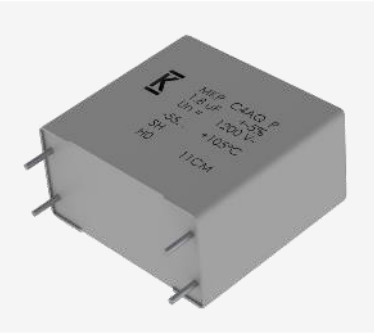
C4AQ-P, 450 – 1,100 VDC, DC Link

Overview

The C4AQ-P film capacitor uses a new metallized dielectric material that meets the demanding AEC-Q200 qualification requirements. It has an extended life capability at 125°C hot spot and uses 2 or 4 tinned wires.

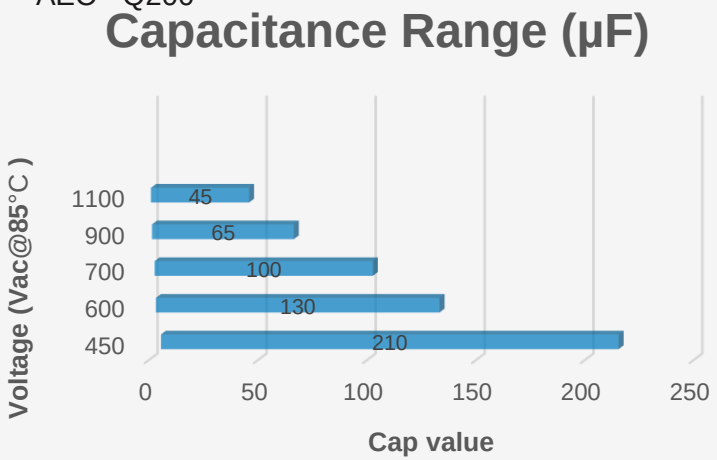
Features

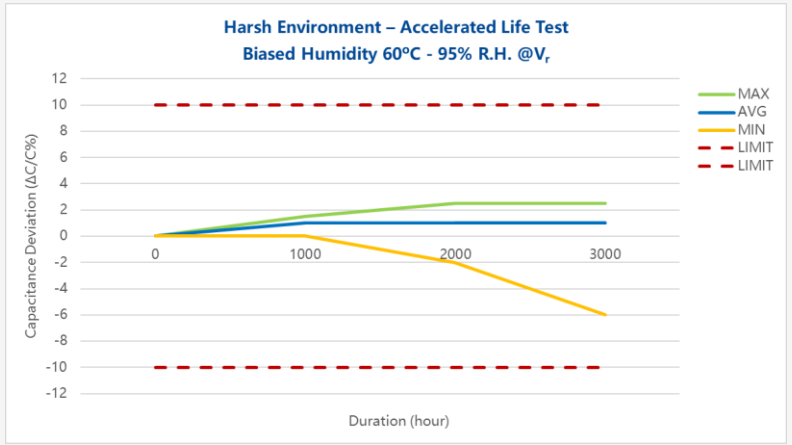
- Harsh Environment Capable
  - 3,000 h at 60°C / 95% R.H. at VR
  - 500 h at 85°C / 85% R.H. at VR
  - 1000 h at 85°C / 85% R.H. at 0.55*VR
- 2 pins or 4 pins terminal leads
- AEC - Q200



Benefits

- Self Healing capability
- Voltage Range: 450-1100VDC at 85°C
- Capacitance Range: 45uF to 210uF
- THB 60°C/95% RH 3000hr at VR; 85°C/85% RH 500hr at VR; 85°C/85% RH 1000hr at 0.55 *VR
- Lead Spacing: 27.5 to 52.5mm
- Temperature Range: -55°C to 125°C
- 4000hr at 125°C





Tools & Resources

Datasheet: C4AQ-P, Radial, 2 or 4 Leads, 450 – 1,100 VDC, DC Link (Automotive Grade) - 125°C

Applications

- DC Link
- DC Filtering
- Energy storage
- EV & HV automotive
- Renewable energy systems
- Electric motor drives

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