

Overview

KEMET's **PHA226** and **PHH226** are conductive aluminum polymer hybrid capacitors with outstanding electrical and mechanical performance. The device has a polarized allwelded design, tinned copper wire leads, and a negative pole connected to the case. The winding is housed in a cylindrical aluminum can with a high purity aluminum lid and high-quality rubber gasket. The highly conductive polymer (PEDOT/PSS) system creates an electrical pathway between the anodic oxide layer and the cathode through a mechanical paper separator. The winding is impregnated with liquid electrolyte that results in selfhealing features of the capacitor.

Benefits

- High temperature capability up to 150°C
- Up to 32 Arms, continuous load at case 105°C
- More than 10,000 hours at +125°C
- High vibration resistance up to 30 g 22 h/axis

Part Number System



Aluminum Electrolytic Hybrid Axial & Radial Crown Capacitors

Electrical Characteristics

CV Options: 370μ F/63V/16x35mm . 380μ F/63V/18x27mm . 560μ F/63V/18x35mm Operating Temperature: -40 to +150°C Life: More than 10,000 hours at +125°C Ripple Current: up to $32A_{rms}$ /100kHz/105°C



Operational Life Diagram –



Applications

- Industry: Automotive
- Industry: Industrial
- Telecom: Data Centers
- Application: Filtering
- Application: Power Conversion

https://ec.kemet.com/aluminum-electrolytic/