

# Axial & Radial Crown Ultra High CV

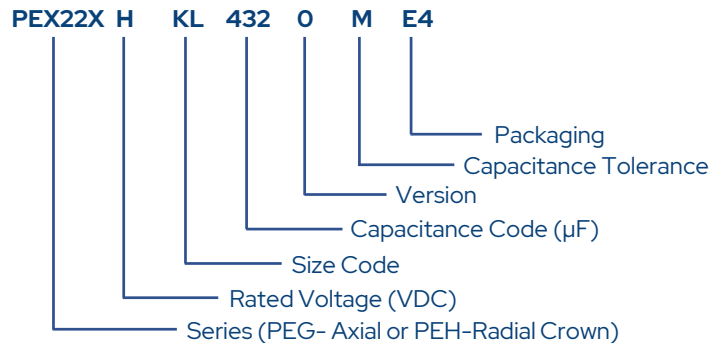
## Overview

KEMET's Ultra high CV axial and radial crown electrolytic capacitors have outstanding electrical performance and high energy storage capability with operating temperatures up to 150°C. The capacitor features a polarized, all welded 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 rubber gasket. These automotive grade capacitors meet the demanding Automotive Electronics Council's AEC-Q200 qualification requirements.

## Benefits

- AEC-Q200
- 2,000 hours at 150°C
- Ultra-High CV
- Extremely High Ripple Current
- High Vibration Resistance
- ESR Stability over lifetime
- Outstanding Electrical Performance

## Part Number System



## Electrical Characteristics

### PEG227 – Axial

### PEH227 – Radial Crown

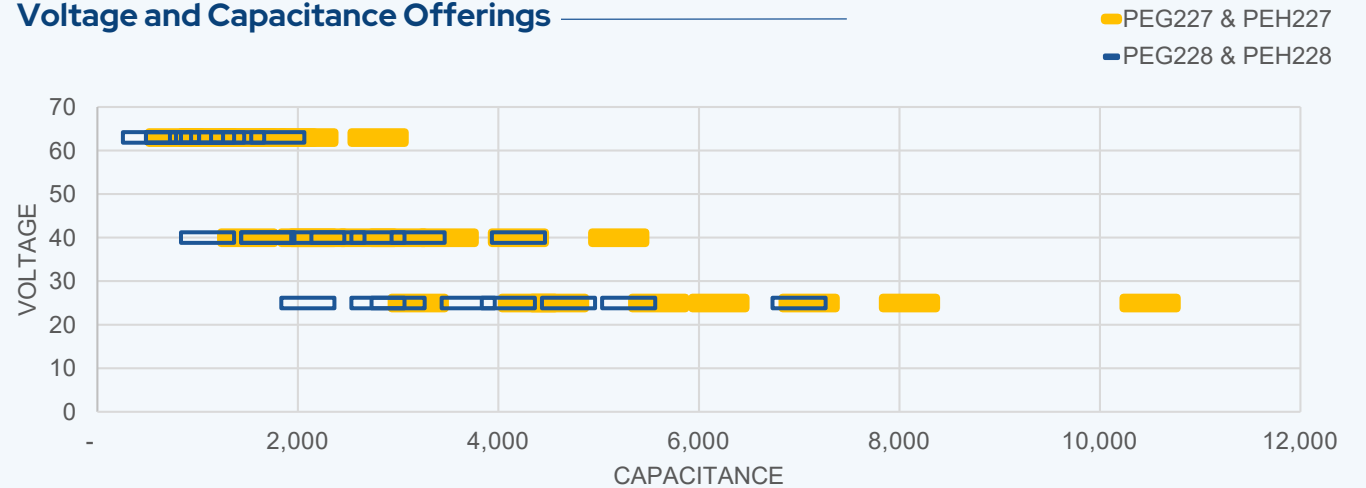
Rated Voltage: 25 – 63 VDC  
 Capacitance: 780 – 10,500  $\mu\text{F}$   
 Operating Temperature: -40 to 125°C  
 (-40 to 150°C at derated Voltage)

### PEG228 – Axial

### PEH228 – Radial Crown

Rated Voltage: 25 – 63 VDC  
 Capacitance: 520 – 7,000  $\mu\text{F}$   
 Operating Temperature: -40 to 150°C

## Voltage and Capacitance Offerings



## Applications

- Automotive
- DC-Link
- Smoothing
- Low voltage power electronic applications
- Switched mode
- LED/lamp power supplies
- Decoupling
- Energy Storage or pulse operation for telecommunication power supplies

