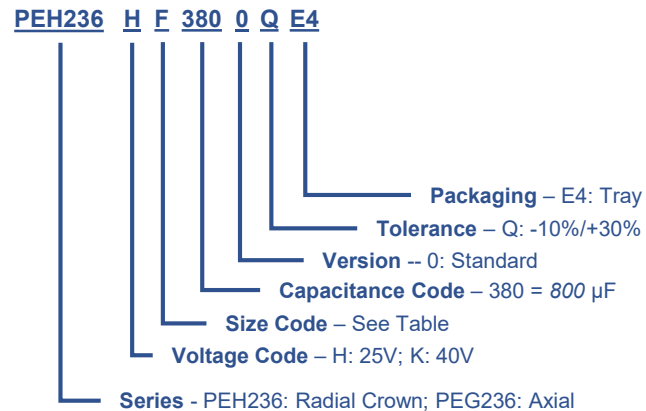




Overview

These electrolytic capacitors contain a radial crown which allows them to be mounted in a standing position. They feature an 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 a specialized rubber gasket. Low ESR is a result of a low resistive electrolyte/paper system and an all-welded design. Thanks to its mechanical robustness, these capacitors are suitable for use in mobile and aircraft installations, with operation up to +165°C. KEMET automotive grade capacitors meet the demanding Automotive Electronics Council's AEC-Q200 qualification requirements.

Part Number System



Aluminum Electrolytic Capacitors

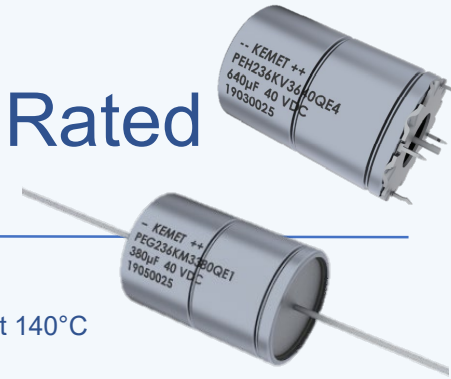
Axial and Radial Crown - 165°C Rated

Electrical Characteristics

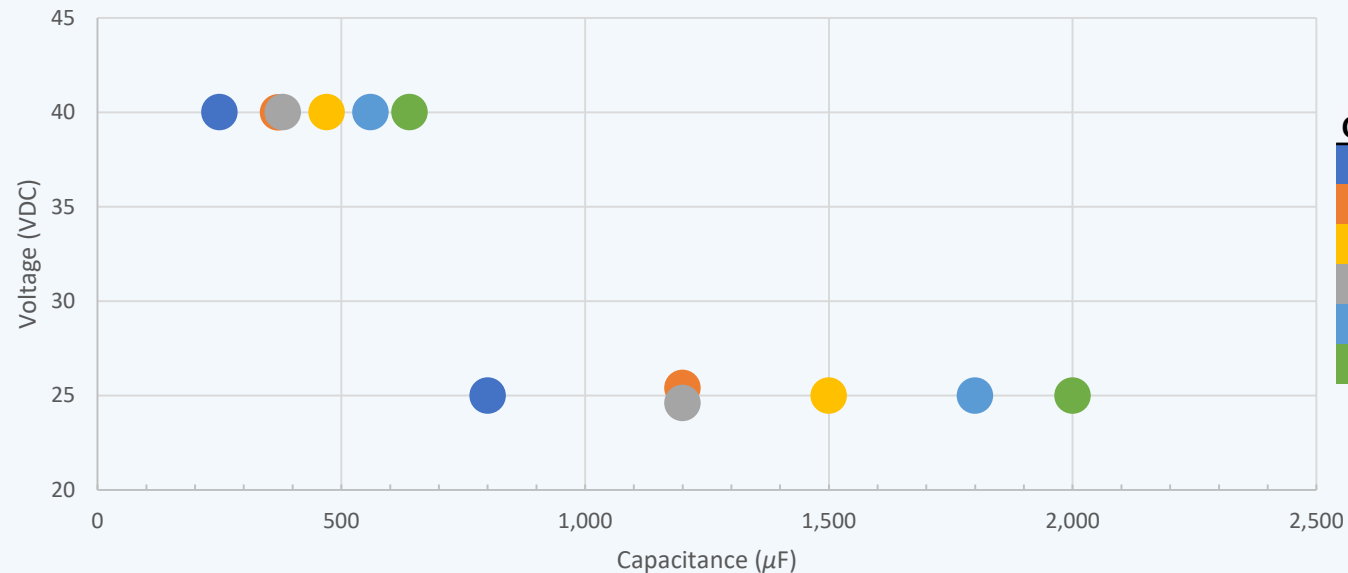
Capacitance	250 μF to 2,000 μF
Operating Temperature	-40°C to 165°C
Voltage Rating	25 VDC and 40 VDC
Operating Lifetime	Up to 9,200 hours at 125°C

Features

AEC-Q200 Qualified
Up to 22 Arms Ripple at 140°C
10-year shelf life
IEC 60384-4 Long Life Grade 40/125/56



Voltage and Capacitance Offerings



Applications

Suitable for automotive, industrial, and aircraft applications, including:

Motor drives	Powertrain systems
Power distribution	Battery management
Bulk capacitance	LED/Lamp Power Supplies