PRODUCTS

Axial Aluminum Electrolytic Capacitors

PEG130 Series, 105°C

Electronic Components
KEMET
CHARGED.

Why Choose KEMET

KEMET Corporation is a leading global supplier of electronic components. We offer our customers the broadest selection of capacitor technologies in the industry across all dielectrics, along with an expanding range of electromechanical devices, electromagnetic compatibility solutions and supercapacitors. Our vision is to be the preferred supplier of electronic component solutions for customers demanding the highest standards of quality, delivery and service.

Features & Benefits

- Next-generation high performance axial series
- Very long operational life (up to 160,000 hours at 80°C)
- Minimal heat generation
- New low ESR electrolyte/paper system
- Available with capacitances as high as 6,300 µF and voltage options of 25, 40 and 63 VDC

Product Checklist

- What are the operational conditions of your application? Do you have a specification available?
- What is the applied voltage VDC?
- What is the operational temperature?
- What is the applied ripple current spectrum?
- What life expectancy is required?
- What are the end of life criteria?
- Does the application have size constraints? If so, what are they?

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.

Programs Supported

- LED lamp power supplies
- Automotive
- All low voltage power electronic applications with very long service life requirements

Electrical/Physical Characteristics

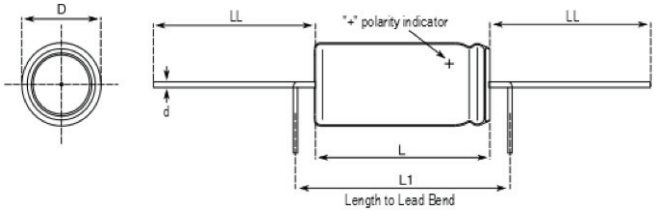
Case Size	Tolerances	Dielectric	Temperature Range	Voltage Options	Capacitance Values
20 mm diameter, 29 to 46 mm lengths	-10/ +30 % at 100 Hz + 20°C	Aluminum Electrolytic	-40°C to + 105°C	25 – 63 VDC	900 – 6,300 µF

Ordering Information

PEG130	H	H	436	0	Q	L1
Series	Voltage (VDC)	Size Code	Capacitance Code (µF)	Version	Capacitance Tolerance	Packaging
Axial Aluminum Electrolytic	H = 25 K = 40 M = 63	See Dimension Table	The second two digits indicate the two most significant digits of the capacitance value. The first digit indicates the total number digits.	0 = Standard	Q = -10 + 30%	See Ordering Options Table

Packaging Options

Packaging Type	Lead Length (mm)	Lead and Packaging Code
Standard Packaging Options		
Bulk (box)	40 +3/-2	L1



Dimensions

Size Code	Dimensions in mm				Bulk
	D	L	L1	d	b
	±0.5	±1	min	±0.03	+/- 2
H	20	29,0	35,0	1,0	40
J	20	37,0	43,0	1,0	40
L	20	46,0	52,0	1,0	40