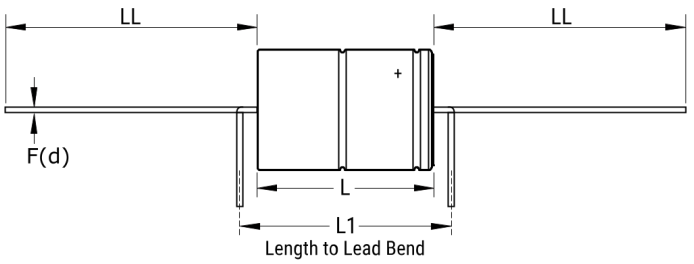
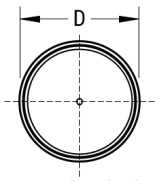
PEG225KN4220QE1

Obsolete

PEG225, Aluminum Electrolytic, 2,200 uF, -10/+30%, 40 VDC, -40/+150°C





Note: '()' correspond to the letters used in the product bulletin

Click here for the 3D model.

Dimensions

D	18.2mm +/-0.5mm
L	34.7mm +/-1mm
L1	41mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Box

General Information

Series	PEG225
Dielectric	Aluminum Electrolytic
Style	Axial
Description	Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Component Weight	14 g
Notes	L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.
Shelf Life	520 Weeks

Specifications

Capacitance	2,200 uF
Capacitance Tolerance	-10/+30%
Voltage DC	40 VDC (125C), 32 VDC (150C)
Temperature Range	-40/+150°C
Rated Temperature	125°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
Resistance	44 mOhms (100Hz 20C), 20 mOhms (100kHz 20C), 9.1 mOhms (5-100kHz 150C)
Ripple Current	20.7 Amps (5kHz 125C, With Heat Sink), 13.1 Amps (5kHz 140C, With Heat Sink), 5.9 Amps (5kHz 150C, Heat Sink), 7.7 Amps (5kHz 125C), 9.7 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current	268 uA (5min 20°C)