



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

Click [here](#) for the 3D model.

Dimensions

D	16.2mm +/-0.5mm
L	26.7mm +/-1mm
L1	33mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Sleeving	true
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	true
Typical Component Weight	8 g
Miscellaneous	Rated Voltage Measured At 125C.

Notes

L1 is KEMET's 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	470 uF
Capacitance Tolerance	-10/+30%
Voltage DC	63 VDC (125C), 54 VDC (150C)
Temperature Range	-40/+150°C
Rated Temperature	125°C
Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
ESR	156 mOhms (100Hz 20C), 52 mOhms (100kHz 20C), 24.3 mOhms (5-100kHz 150C)
Ripple Current	12.1 Amps (5kHz 125C, With Heat Sink), 7.7 Amps (5kHz 140C, With Heat Sink), 3.4 Amps (5kHz 150C, Heat Sink), 4.2 Amps (5kHz 125C), 5.3 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current	92.83 uA (5min 20°C)