



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

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

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

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

Dimensions

D	16.2mm +/-0.5mm	Capacitance	470 uF
L	26.7mm +/-1mm	Tolerance	-10/+30%
L1	33mm MIN	Voltage DC	63 VDC (125C), 54 VDC (150C)
LL	40mm +/-2mm	Temperature Range	-40/+150°C
F	1mm +/-0.03mm	Rated Temperature	125°C

Packaging Specifications

Sleeving	Yes	Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
Packaging	Bulk, Box	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)

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