



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

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

Dimensions

D	18mm +/-0.5mm
L	38.7mm +/-1mm
L1	45mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Packaging	Tray
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General Information

Series	PEG236
Dielectric	Aluminum Electrolytic
Style	Axial
Description	Extremely High Ripple Axial Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Component Weight	16 g
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.
Shelf Life	520 Weeks

Specifications

Capacitance	640 uF
Capacitance Tolerance	-10/+30%
Voltage DC	40 VDC
Temperature Range	-40/+165°C
Rated Temperature	165°C
Life	9200 Hrs (Rated Voltage At 125C), 1000 Hrs (Rated Voltage At 165C)
Resistance	85 mOhms (100Hz 20C), 17 mOhms (100kHz 20C), 9.9 mOhms (5-100kHz 165C)
Ripple Current	19.86 Amps (5kHz 140C, With Heat Sink), 12.6 Amps (5kHz 155C, With Heat Sink), 5.6 Amps (5kHz 165C, With Heat Sink), 7.9 Amps (5kHz 140C), 2.2 Amps (>=5kHz 165C Max)
Leakage Current	80.8 uA (5min 20°C)

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