



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

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

General Information

Series	PEG227
Dielectric	Aluminum Electrolytic
Style	Axial
Description	Vibration Resistant Ultra High CV Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	14 g
Shelf Life	156 Weeks

Specifications

Capacitance	3,000 uF
Tolerance	-10/+30%
Voltage DC	40 VDC, 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)
ESR	35 mOhms (100Hz 20C), 18 mOhms (100kHz 20C), 8.7 mOhms (5-100kHz 150C)
Ripple Current	21.2 Amps (5kHz 125C, With Heat Sink), 13.4 Amps (5kHz 140C, With Heat Sink), 6 Amps (5kHz 150C, With Heat Sink), 8.2 Amps (5kHz 125C), 10.4 Amps (5kHz 125C Max)
Leakage Current	364 uA (5min 20°C)

Dimensions

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

Packaging Specifications

Packaging	Tray
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