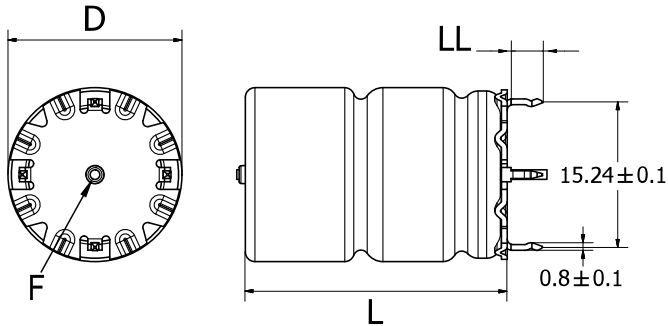


PEH227NKP3750QE4

PEH227, Aluminum, Aluminum Electrolytic, 750 uF, -10/+30%, 80 VDC, -40/+150°C



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

General Information

Series	PEH227
Dielectric	Aluminum Electrolytic
Style	Radial Crown
Description	Radial Crown Ultra High CV Aluminum Electrolytic
RoHS	Yes
Lead	Radial Crown
Qualifications	AEC-Q200
Halogen Free	Yes
Typical Component Weight	11 g
Shelf Life	520 Weeks

Dimensions

D	16.2mm +/-0.5mm
L	35.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.03mm

Packaging Specifications

Packaging	Tray
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Specifications

Capacitance	750 uF
Tolerance	-10/+30%
Voltage DC	80 VDC, 63 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	105 mOhms (100Hz 20C), 43.8 mOhms (100kHz 20C), 17.9 mOhms (5-100kHz 150C)
Ripple Current	14.1 Amps (5kHz 125C, With Heat Sink), 8.9 Amps (5kHz 140C, With Heat Sink), 4 Amps (5kHz 150C, With Heat Sink), 5.46 Amps (5kHz 125C), 6.77 Amps (5kHz 125C Max)
Leakage Current	184 uA (5min 20°C)

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