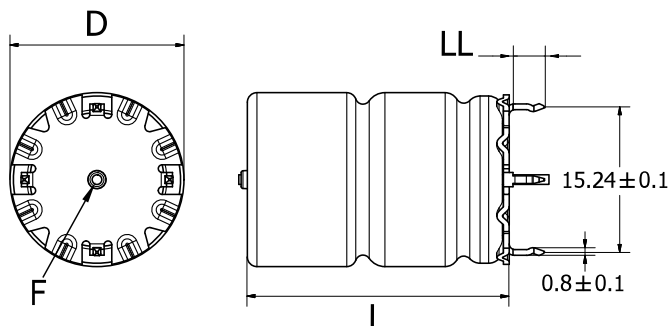


PEH227NMS4180QE4

PEH227, Aluminum, Aluminum Electrolytic, 1,800 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
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	24 g
Shelf Life	520 Weeks

Specifications

Capacitance	1,800 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	46.4 mOhms (100Hz 20C), 20.9 mOhms (100kHz 20C), 10.6 mOhms (5-100kHz 150C)
Ripple Current	22.2 Amps (5kHz 125C, With Heat Sink), 14 Amps (5kHz 140C, With Heat Sink), 6.3 Amps (5kHz 150C, With Heat Sink), 8.31 Amps (5kHz 125C), 10.29 Amps (5kHz 125C Max)
Leakage Current	436 uA (5min 20°C)

Dimensions

D	20.2mm +/-0.5mm
L	43.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.03mm

Packaging Specifications

Packaging	Tray
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