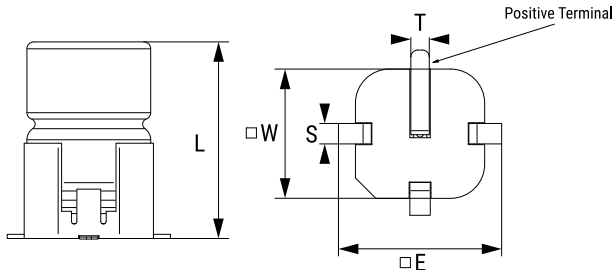


PEV228NLP3820QE4

PEV228, Aluminum, Aluminum Electrolytic, 820 uF, -10/+30%, 80 VDC, -40/+150°C, 3 mm



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

General Information

Series	PEV228
Dielectric	Aluminum Electrolytic
Style	Vertical SMD
Description	Radial Surface Mount Aluminum Electrolytic
RoHS	Yes
Lead	Radial SMD
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	16 g
Shelf Life	520 Weeks

Dimensions

L	36.9mm +/-1mm
W	19mm +/-0.5mm
T	2.5mm +/-0.3mm
S	3mm +/-0.3mm
E	24.5mm +/-0.5mm

Packaging Specifications

Packaging	Tray
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Specifications

Capacitance	820 uF
Tolerance	-10/+30%
Voltage DC	80 VDC
Temperature Range	-40/+150°C
Rated Temperature	150°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
ESR	85.6 mOhms (100Hz 20C), 32.1 mOhms (100kHz 20C), 14.6 mOhms (5-100kHz 150C)
Ripple Current	16.4 Amps Maximum with heat-sink (5kHz 125C)
Leakage Current	200.8 uA (5min 20°C)

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