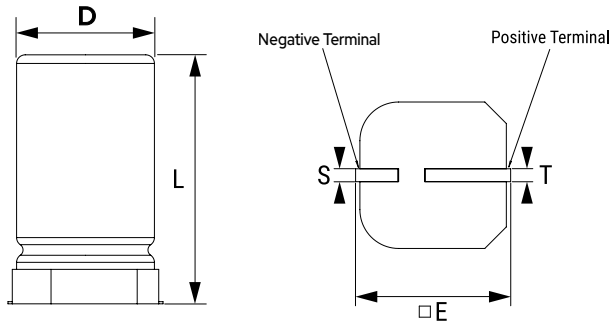
PEB227PKL3300QE4

PEB227, Aluminum Electrolytic, 300 uF, 100 VDC, -40/+125°C, 1.5 mm



Click here for the 3D model.

General Information	
Series	PEB227
Dielectric	Aluminum Electrolytic
Style	Vertical SMD
Description	Radial Surface Mount Aluminum Electrolytic
RoHS	Yes
Lead	Radial SMD
Qualifications	AEC-Q200
Halogen Free	Yes
Typical Component Weight	12.5 g
Shelf Life	520 Weeks

Dimensions	
D	16mm +/-0.5mm
L	28.9mm +/-1mm
T	1.5mm +/-0.3mm
S	1.5mm +/-0.3mm
E	18mm +/-0.5mm

Packaging Specifications	
Packaging	Tray

Specifications	
Capacitance	300 uF
Voltage DC	100 VDC, 83 VDC (150C)
Temperature Range	-40/+125°C
Rated Temperature	150°C
Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
ESR	257.3 mOhms (100Hz 20C), 118.2 mOhms (100kHz 20C), 29.6 mOhms (5-100kHz 150C)
Ripple Current	10.9 Amps Maximum with heat-sink (5kHz 125C), 6.9 Amps (5kHz 140C, With Heat Sink), 3.1 Amps (5kHz 150C, With Heat Sink)
Leakage Current	94 uA (5min 20°C)

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