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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

Specifications

Capacitance	3,000 uF
Tolerance	-10/+30%
Voltage DC	40 VDC, 32 VDC (150C)
Temperature Range	-40/+125°C
Rated Temperature	150°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
ESR	18 mOhms (100Hz 20C), 8.7 mOhms (100kHz 20C)
Ripple Current	21.2 Amps Maximum with heat-sink (5kHz 125C)
Leakage Current	364 uA (5min 20°C)

Dimensions

D	18mm +/-0.5mm
L	36.9mm +/-1mm
T	1.5mm +/-0.3mm
S	1.5mm +/-0.3mm
E	20mm +/-0.5mm

Packaging Specifications

Packaging	Tray
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