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**General Information**

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

**Specifications**

Capacitance	6,200 uF
Tolerance	-10/+30%
Voltage DC	25 VDC, 18 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), 8.4 mOhms (100kHz 20C)
Ripple Current	21.6 Amps Maximum with heat-sink (5kHz 125C)
Leakage Current	469 uA (5min 20°C)

**Dimensions**

L	36.9mm +/-1mm
W	19mm +/-0.5mm
T	1.5mm +/-0.3mm
S	1.5mm +/-0.3mm
E	20mm +/-0.5mm

**Packaging Specifications**

Packaging	Tray
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