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General Information

Series	PES227
Dielectric	Aluminum Electrolytic
Style	Horizontal 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	19 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	35 mOhms (100Hz 20C), 18 mOhms (100kHz 20C), 8.7 mOhms (5-100kHz 150C)
Ripple Current	21.2 Amps Maximum with heat-sink (5kHz 125C)
Leakage Current	364 uA (5min 20°C)

Dimensions

L	43mm +/-1mm
L1	49.2mm +/-1mm
W	20mm +/-0.5mm
H	19.2mm +/-0.5mm
T	4mm +/-0.3mm

Packaging Specifications

Packaging	Tray
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