



General Information

Series	PEV227
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
Component Weight	16 g
Shelf Life	520 Weeks

Dimensions

L	37mm +/-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	1,600 uF
Capacitance Tolerance	-10/+30%
Voltage DC	63 VDC, 54 VDC (150C)
Temperature Range	-40/+125°C
Rated Temperature	150°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
Resistance	55 mOhms (100Hz 20C), 24 mOhms (100Hz 20C), 13 mOhms (5-100kHz 150C)
Ripple Current	17.3 Amps (5kHz 125C), 11 Amps (5kHz 140C), 4.9 Amps (5kHz 150C), 6.7 Amps (5kHz 125C)
Leakage Current	306.4 uA (5min 20°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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