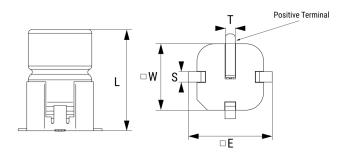


a YAGEO company

PEV227KLP4300QE4

PEV227, Aluminum Electrolytic, 3,000 uF, -10/+30%, 40 VDC, -40/+125°C



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	36.9mm +/-1mm
W	19mm +/-0.5mm
Т	2.5mm +/-0.3mm
S	3mm +/-0.3mm
E	24.5mm +/-0.5mm

Packaging Specifications		
Packaging	Tray	

Specifications	
Capacitance	3,000 uF
Capacitance 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)
Resistance	35 mOhms (100Hz 20C), 18 mOhms (100Hz 20C), 8.7 mOhms (5-100kHz 150C)
Ripple Current	21.2 Amps (5kHz 125C), 13.4 Amps (5kHz 140C), 6 Amps (5kHz 150C), 8.2 Amps (5kHz 125C)
Leakage Current	364 uA (5min 20°C)

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