



Click [here](#) for the 3D model.

#### 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	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	27 mOhms (100Hz 20C), 18 mOhms (100kHz 20C), 8.4 mOhms (5-100kHz 150C)
Ripple Current	21.6 Amps Maximum with heat-sink (5kHz 125C)
Leakage Current	469 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
-----------	------

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.