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### Dimensions

D	30mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	160

### General Information

Series	ALA7D
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Component Weight	55 g
Miscellaneous	Vibration: <= 35mm 1.5mm displacement amplitude or 20G maximum acceleration. Vibration applied for three directions of 4-hour sessions at 10-2,000 Hz. (Capacitor clamped by body.)
Shelf Life	156 Weeks

### Specifications

Capacitance	180 uF
Capacitance Tolerance	20%
Voltage DC	600 VDC, 660 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	13000 Hrs (Rated Voltage And Ripple Current At 85°C), 21000 Hrs (Rated Voltage At 85°C)
Resistance	708 mOhms (100Hz 20C), 488 mOhms (10kHz 20C)
Ripple Current	1.7 Amps (100Hz 85C), 3.8 Amps (10kHz 85C)
Leakage Current	648 uA (5min 20°C)

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