



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

Dimensions

D	40mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	36

General Information

Series	ALA7D
Dielectric	Aluminum Electrolytic
Style	Snap-In
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	true
Typical Component Weight	105 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	680 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 105C)
ESR	354 mOhms (100Hz 20C), 265 mOhms (10kHz 20C)
Ripple Current	3.269 Amps (100Hz 85C), 5.988 Amps (10kHz 85C)
Leakage Current	2040 uA (5min 20°C)