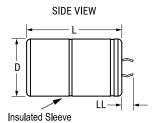




ALA8D, Aluminum, Aluminum Electrolytic, 300 uF, 20%, 450 VDC, -40/ +105°C, 10 mm



Packaging Quantity





PCB LAYOUT



Click here for the 3D model.

General Information	
Series	ALA8D
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	50 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

30mm +1mm
40mm +/-2mm
10mm +/-0.1mm
6.3mm +/-1mm
2mm +/-0.1mm
Tray

160

Specifications	
Capacitance	300 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
ESR	454 mOhms (100Hz 20C), 265.4 mOhms (10kHz 20C)
Ripple Current	1.91 Amps (100Hz 105C), 5.29 Amps (10kHz 105C)
Leakage Current	405 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	
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