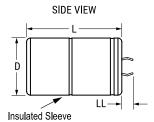




ALA8D, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 500 VDC, -40/ +105°C, 10 mm



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	95 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

40mm +1mm
45mm +/-2mm
10mm +/-0.1mm
6.3mm +/-1mm
2mm +/-0.1mm
Tray

72

Specifications	
Capacitance	470 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage At 105C)
ESR	428 mOhms (100Hz 20C), 312 mOhms (10kHz 20C)
Ripple Current	2.926 Amps (100Hz 105C), 6.336 Amps (10kHz 105C)
Leakage Current	705 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
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