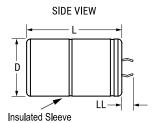




ALA7D, Aluminum, Aluminum Electrolytic, 330 uF, 20%, 500 VDC, -40/ +85°C, 10 mm







PCB LAYOUT



Click here for the 3D model.

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	
Typical 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	

Dimensions	
D	30mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm
Packaging Specifications	
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Capacitance	330 uF	
Tolerance	20%	
Voltage DC	500 VDC, 550 VDC (Surge)	
Temperature Range	-40/+85°C	
Rated Temperature	85°C	
Life	13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C)	
ESR	750.6 mOhms (100Hz 20C), 567.8 mOhms (10kHz 20C)	
Ripple Current	1.9 Amps (100Hz 85C), 3.7 Amps (10kHz 85C)	
Leakage Current	990 uA (5min 20°C)	

L	45mm +/-2mm	Tolerance	20%
S	10mm +/-0.1mm	Voltage DC	500 VDC, 550 VDC (Surge)
LL	6.3mm +/-1mm	Temperature Range	-40/+85°C
F 2mm +/-0.1mm	Rated Temperature	85°C	
Packaging Specifications		Life	13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C)
Packaging	Tray	ESR	750.6 mOhms (100Hz 20C),
Packaging Quantity	160		567.8 mOhms (10kHz 20C)
		Ripple Current	1.9 Amps (100Hz 85C), 3.7 Amps (10kHz 85C)
	Leakage Current	990 uA (5min 20°C)	

Specifications

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.

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