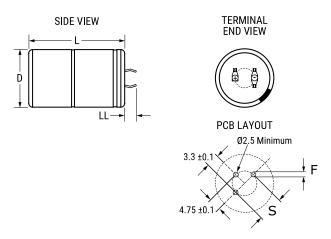




ALA7D, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 450 VDC, –40/ $\pm 85^{\circ}\text{C}$, 10 mm



Click	here	for	the	3D	model.
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General Information			
Series	ALA7D		
Dielectric	Aluminum Electrolytic		
Description	Snap-In, Aluminum Electrolytic		
RoHS	Yes		
Lead	3 Pin		
Qualifications	AEC-Q200		
AEC-Q200	Yes		
Halogen Free	Yes		
Typical Component Weight	60 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	50mm +/-2mm			
S	10mm +/-0.1mm			
LL	4mm +/-1mm			
F	2mm +/-0.1mm			
Packaging Specifications				
Packaging	Tray			
Packaging Quantity	160			

Specifications	
Capacitance	470 uF
Tolerance	20%
Voltage DC	450 VDC, 495 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	322.4 mOhms (100Hz 20C), 189.4 mOhms (10kHz 20C)
Ripple Current	2.27 Amps (100Hz 85C), 5.2 Amps (10kHz 85C)
Leakage Current	1269 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 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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