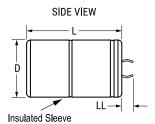




ALA8D, Aluminum, Aluminum Electrolytic, 360 uF, 20%, 400 VDC, -40/ +105°C, 10 mm







**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	

Dimensions	
D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm
Packaging Specifications	
De else eile e	T

Capacitance	360 uF
Tolerance	20%
Voltage DC	400 VDC, 440 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	420.4 mOhms (100Hz 20C), 247 mOhms (10kHz 20C)
Ripple Current	2 Amps (100Hz 105C), 5.39 Amps (10kHz 105C)

S	10mm +/-0.1mm	Voltage DC	400 VDC, 440 VDC (Surge)
LL	6.3mm +/-1mm	Temperature Range	-40/+105°C
F	2mm +/-0.1mm	Rated Temperature	105°C
Packaging Specifications		Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
Packaging	Tray	ESR	420.4 mOhms (100Hz 20C), 247
Packaging Quantity	160		mOhms (10kHz 20C)
	Ripple Current	2 Amps (100Hz 105C), 5.39 Amps (10kHz 105C)	
		Leakage Current	432 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.

Generated 05/05/2025 © 2006 - 2025 YAGEO