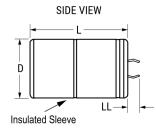


ALA8DD471EE500

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





PCB LAYOUT



Click here for the 3D model.

Dimensions	
D	40mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	72	

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	
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	

Specifications	
Capacitance	470 uF
Capacitance 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)
Resistance	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 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.