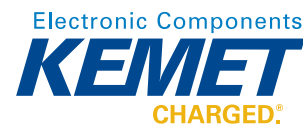
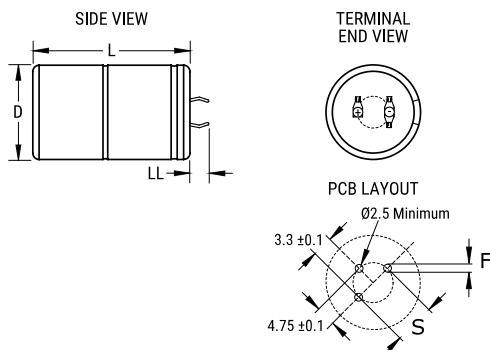


# KEMET Part Number: ALA8DF241DC500



ALA8D, Aluminum Electrolytic, 105C, 240 uF, 20%, 500 VDC, -40/+105C



## Dimensions

D	35mm +1mm
L	35mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

## Packaging Specifications

Weight:	60 g
Packaging:	Bulk, Bag
Packaging Quantity:	100

## General Information

Supplier:	KEMET
Series:	ALA8D
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	3 Pin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
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:	240 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+105C
Rated Temperature:	105C
Life:	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
Resistance:	863.2 mOhms (100Hz 20C), 637 mOhms (10kHz 20C)
Ripple Current:	1.83 Amps (100Hz 105C), 4.25 Amps (10kHz 105C)
Leakage Current:	720 uA (5min 20C)

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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