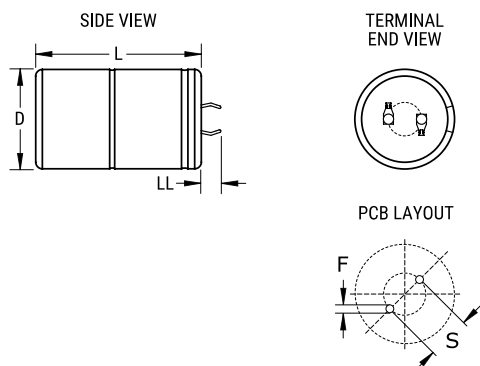


ALA8D, Aluminum Electrolytic, 105C, 240 uF, 20%, 500 VDC, -40/+105C



Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Weight:	50 g
Packaging:	Bulk, Bag
Packaging Quantity:	160

General Information

Supplier:	KEMET
Series:	ALA8D
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 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:	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage At 105C)
Resistance:	859.2 mOhms (100Hz 20C), 633.2 mOhms (10kHz 20C)
Ripple Current:	1.75 Amps (100Hz 105C), 4.18 Amps (10kHz 105C)
Leakage Current:	720 uA (5min 20C)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

KEMET:

[ALA8DD241CD500](#)