

ALC80F242CD100

Aliases (A547DF242M100F)

ALC80, Aluminum Electrolytic, 2,400 uF, 20%, 100 VDC, -40/+105°C



General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
AEC-Q200	No
Halogen Free	Yes
Component Weight	50 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

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

Packaging Specifications	
Sleevings	Yes
Packaging	Bulk, Bag

Specifications	
Capacitance	2,400 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 115 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)
Resistance	116.8 mOhms (100Hz 20C), 95.28 mOhms (10kHz 20C)
Ripple Current	4.627 Amps (100Hz 105C), 7.009 Amps (10kHz 105C)
Leakage Current	720 uA (5min 20°C)

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