

ALC80A301DD450

Aliases (A547EF301M450A)

ALC80, Aluminum Electrolytic, 300 uF, 20%, 450 VDC, -40/+105°C



General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Halogen Free	Yes
Component Weight	65 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Specifications

Capacitance	300 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
Resistance	433.8 mOhms (100Hz 20C), 250 mOhms (10kHz 20C)
Ripple Current	2.092 Amps (100Hz 105C), 5.815 Amps (10kHz 105C)
Leakage Current	405 uA (5min 20°C)

Click [here](#) for the 3D model.

Dimensions

D	35mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleevings	Yes
Packaging	Bulk, Bag

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