

ALC40D331DF450

ALC40, Aluminum, Aluminum Electrolytic, 330 uF, 20%, 450 VDC, -40/+105°C



General Information

Series	ALC40
Dielectric	Aluminum Electrolytic
Style	Snap-In
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin Short
AEC-Q200	No
Typical Component Weight	70 g
Shelf Life	156 Weeks

Specifications

Capacitance	330 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)
ESR	206 mOhms (100Hz 20C), 140 mOhms (10kHz 20C)
Ripple Current	2.53 Amps (100Hz 105C), 5.14 Amps (10kHz 105C)
Leakage Current	445.5 uA (5min 20°C)

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

Dimensions

D	35mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Packaging	Tray
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