

ALC40, Aluminum Electrolytic, 270 uF, 20%, 450 VDC, -40/+105°C



Dimensions	
D	40mm +1mm
L	50mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging:	Bulk, Bag

General Information	
Series:	ALC40
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	4 Pin
AEC-Q200:	No
Component Weight:	82 g
Shelf Life:	156 Weeks

Specifications	
Capacitance:	270 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC, 495 VDC (Surge)
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C)
Resistance:	356 mOhms (100Hz 20C), 248 mOhms (10kHz 20C)
Ripple Current:	2.8 Amps (100Hz 105C), 6.74 Amps (10kHz 105C)
Leakage Current:	364.5 uA (5min 20°C)

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