

ALC40, Aluminum Electrolytic, 12,000 uF, 20%, 40 VDC, -40/+105°C



General Information	
Series:	ALC40
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin Short
AEC-Q200:	No
Component Weight:	55 g
Shelf Life:	156 Weeks

Dimensions	
D	30mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging:	Bulk, Bag

Specifications	
Capacitance:	12,000 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 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:	80 mOhms (100Hz 20C), 68 mOhms (10kHz 20C)
Ripple Current:	3.75 Amps (100Hz 105C), 4.18 Amps (10kHz 105C)
Leakage Current:	1440 uA (5min 20°C)

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