

ALC40, Aluminum Electrolytic, 82 uF, 20%, 500 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:	35 g
Shelf Life:	156 Weeks

Dimensions	
D	25mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging:	Bulk, Bag

Specifications	
Capacitance:	82 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C)
Resistance:	2690 mOhms (100Hz 20C), 2170 mOhms (10kHz 20C)
Ripple Current:	0.97 Amps (100Hz 105C), 2.05 Amps (10kHz 105C)
Leakage Current:	123 uA (5min 20°C)

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