

ALC40, Aluminum Electrolytic, 18,000 uF, 20%, 40 VDC, -40/+105°C



Dimensions

D	40mm +1mm
L	45mm +/-2mm
S	25mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Packaging:	Bulk, Bag
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General Information

Series:	ALC40
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	5 Pin Short
AEC-Q200:	No
Component Weight:	80 g
Shelf Life:	156 Weeks

Specifications

Capacitance:	18,000 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 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:	53 mOhms (100Hz 20C), 47 mOhms (10kHz 20C)
Ripple Current:	6.46 Amps (100Hz 105C), 6.6 Amps (10kHz 105C)
Leakage Current:	2160 uA (5min 20°C)

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