

ALC40, Aluminum Electrolytic, 3,900 uF, 20%, 40 VDC, -40/+105°C



Dimensions

D	25mm +1mm
L	30mm +/-2mm
S	10mm +/-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:	3 Pin Short
AEC-Q200:	No
Component Weight:	28 g
Shelf Life:	156 Weeks

Specifications

Capacitance:	3,900 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 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:	202 mOhms (100Hz 20C), 166 mOhms (10kHz 20C)
Ripple Current:	1.87 Amps (100Hz 105C), 2.09 Amps (10kHz 105C)
Leakage Current:	468 uA (5min 20°C)

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