

ALC40A102EL400

ALC40, Aluminum Electrolytic, 1,000 uF, 20%, 400 VDC, -40/+105°C



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Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-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	2 Pin
AEC-Q200	No
Component Weight	117 g
Shelf Life	156 Weeks

Specifications

Capacitance	1,000 uF
Capacitance Tolerance	20%
Voltage DC	400 VDC, 440 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	118 mOhms (100Hz 20C), 73 mOhms (10kHz 20C)
Ripple Current	4.85 Amps (100Hz 105C), 10.16 Amps (10kHz 105C)
Leakage Current	1200 uA (5min 20°C)

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