

## ALC40C102EL400

ALC40, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 400 VDC, -40/+105°C, 22.5 mm



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### General Information

Series	ALC40
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin
Typical Component Weight	131 g
Shelf Life	156 Weeks

### Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Packaging	Tray
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### Specifications

Capacitance	1,000 uF
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)
ESR	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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