

## ALC40A102BC100

ALC40, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 100 VDC, -40/+105°C, 10 mm



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Dimensions	
D	25mm +1mm
L	35mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging	Tray

General Information	
Series	ALC40
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Typical Component Weight	29.3 g
Shelf Life	156 Weeks

Specifications	
Capacitance	1,000 uF
Tolerance	20%
Voltage DC	100 VDC, 115 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)
ESR	238 mOhms (100Hz 20C), 177 mOhms (10kHz 20C)
Ripple Current	1.65 Amps (100Hz 105C), 2.16 Amps (10kHz 105C)
Leakage Current	300 uA (5min 20°C)

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