

ALC40E123DC040

ALC40, Aluminum, Aluminum Electrolytic, 12,000 uF, 20%, 40 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 Short
AEC-Q200	No
Typical Component Weight	50 g
Shelf Life	156 Weeks

Dimensions	
D	35mm +1mm
L	35mm +/-2mm
S	22.5mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging	Tray

Specifications	
Capacitance	12,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
ESR	121 mOhms (100Hz 20C), 106 mOhms (10kHz 20C)
Ripple Current	2.77 Amps (100Hz 105C), 3.08 Amps (10kHz 105C)
Leakage Current	1440 uA (5min 20°C)

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