

ALC80C123DC040

ALC80, Aluminum, Aluminum Electrolytic, 12,000 uF, 20%, 40 VDC, -40/+105°C, 22.5 mm



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General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin
Halogen Free	Yes
Typical Component Weight	60 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	35mm +1mm
L	35mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

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	47.41 mOhms (100Hz 20C), 39.01 mOhms (10kHz 20C)
Ripple Current	6.738 Amps (100Hz 105C), 8.652 Amps (10kHz 105C)
Leakage Current	1440 uA (5min 20°C)

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