

## ALC80D123EB040

Aliases (A547HD123M040D)

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



### General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin Short
AEC-Q200	No
Halogen Free	Yes
Component Weight	55 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Click [here](#) for the 3D model.

### Dimensions

D	40mm +1mm
L	30mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Sleevings	Yes
Packaging	Bulk, Bag

### Specifications

Capacitance	12,000 uF
Capacitance Tolerance	20%
Voltage DC	40 VDC, 46 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	52.83 mOhms (100Hz 20C), 44.32 mOhms (10kHz 20C)
Ripple Current	6.307 Amps (100Hz 105C), 7.658 Amps (10kHz 105C)
Leakage Current	1440 uA (5min 20°C)

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