

## ALC80F183EF063

Aliases (A547HH183M063F)

ALC80, Aluminum Electrolytic, 18,000 uF, 20%, 63 VDC, -40/+105°C



General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
AEC-Q200	No
Halogen Free	Yes
Component Weight	105 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Specifications	
Capacitance	18,000 uF
Capacitance Tolerance	20%
Voltage DC	63 VDC, 72.5 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	28.44 mOhms (100Hz 20C), 23.17 mOhms (10kHz 20C)
Ripple Current	8.824 Amps (100Hz 105C), 10.54 Amps (10kHz 105C)
Leakage Current	3402 uA (5min 20°C)

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

Dimensions	
D	40mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleevings	Yes
Packaging	Bulk, Bag

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