

ALC70C683EL040

Aliases (A546HP683M040C)

ALC70, Aluminum Electrolytic, 68,000 uF, 20%, 40 VDC, -40/+85°C



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Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Bag

General Information

Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin
AEC-Q200	No
Halogen Free	Yes
Component Weight	165 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications

Capacitance	68,000 uF
Capacitance Tolerance	20%
Voltage DC	40 VDC, 46 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	18000 Hrs (Rated Voltage and Ripple Current at 85C), 29000 Hrs (Rated Voltage at 85C)
Resistance	16.25 mOhms (100Hz 20C), 14.33 mOhms (10kHz 20C)
Ripple Current	12.93 Amps (100Hz 85C), 14.36 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

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