

ALF40G683EP040

Aliases (A534HW683M040G)

ALF40, Aluminum Electrolytic, 68,000 uF, 20%, 40 VDC, -40/+105°C



Please see datasheet for details on PCB hole size and tolerance

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

Dimensions

D	40mm +1mm
L	105mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	36

General Information

Series	ALF40
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Press-Fit, Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
AEC-Q200	No
Component Weight	170 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	68,000 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	17 mOhms (100Hz 20C), 16 mOhms (10kHz 20C)
Ripple Current	12.71 Amps (100Hz 105C), 13.47 Amps (10kHz 105C)
Leakage Current	6000 uA (5min 20°C)