

ALF40C682KP200

ALF40, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 200 VDC, -40/+105°C, 22.5 mm



Please see datasheet for details on PCB hole size and tolerance

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

General Information

Series	ALF40
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
Typical Component Weight	264 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions	
D	50mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	24

Specifications	
Capacitance	6,800 uF
Tolerance	20%
Voltage DC	200 VDC, 230 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)
ESR	36 mOhms (100Hz 20C), 26 mOhms (10kHz 20C)
Ripple Current	9.08 Amps (100Hz 105C), 12.29 Amps (10kHz 105C)
Leakage Current	4080 uA (5min 20°C)

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