

## ALF20C682EG100

ALF20, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+85°C, 22.5 mm



Please see datasheet for details on PCB hole size and tolerance

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

### General Information

Series	ALF20
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
Typical Component Weight	95 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

### Dimensions

D	40mm +1mm
L	55mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	36

### Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	100 VDC, 115 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)
ESR	53 mOhms (100Hz 20C), 46 mOhms (10kHz 20C)
Ripple Current	6.61 Amps (100Hz 85C), 6.84 Amps (10kHz 85C)
Leakage Current	4080 uA (5min 20°C)

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