

## ALF80C682EF100

Aliases (A557HH682M100C)

ALF80, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+105°C



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

### Dimensions

D	40mm +1mm
L	50mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Sleeving	Yes
Packaging	Bulk

### General Information

Series	ALF80
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Press-Fit, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
AEC-Q200	No
Component Weight	105 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

### Specifications

Capacitance	6,800 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 115 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	51.7 mOhms (100Hz 20C), 43.93 mOhms (10kHz 20C)
Ripple Current	7.563 Amps (100Hz 105C), 9.248 Amps (10kHz 105C)
Leakage Current	2040 uA (5min 20°C)