

## ALF80C682EF100

ALF80, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+105°C, 22.5 mm



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

### General Information

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

### Dimensions

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

### Packaging Specifications

Slewing	Yes
Packaging	Bulk

### Specifications

Capacitance	6,800 uF
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)
ESR	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)

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