

## ALF80G102EN500

ALF80, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+105°C, 25 mm



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

### General Information

Series	ALF80
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
AEC-Q200	No
Typical Component Weight	195 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

### Specifications

Capacitance	1,000 uF
Tolerance	20%
Voltage DC	500 VDC, 550 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	177.1 mOhms (100Hz 20C), 119.6 mOhms (10kHz 20C)
Ripple Current	4.945 Amps (100Hz 105C), 10.85 Amps (10kHz 105C)
Leakage Current	1500 uA (5min 20°C)

### Dimensions

D	40mm +1mm
L	100mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Slewing	Yes
Packaging	Bulk

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