

## ALF40G821EP500

ALF40, Aluminum, Aluminum Electrolytic, 820 uF, 20%, 500 VDC, -40/+105°C, 25 mm



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

### General Information

Series	ALF40
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
Typical Component Weight	170 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

### Dimensions

D	40mm +1mm
L	105mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	36

### Specifications

Capacitance	820 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	280 mOhms (100Hz 20C), 220 mOhms (10kHz 20C)
Ripple Current	4.71 Amps (100Hz 105C), 8.95 Amps (10kHz 105C)
Leakage Current	1230 uA (5min 20°C)

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