

## ALF20G271ED500

ALF20, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 500 VDC, -40/+85°C, 25 mm



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

### General Information

Series	ALF20
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
Typical Component Weight	65 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

### Dimensions

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

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	72

### Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	500 VDC, 550 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	466 mOhms (100Hz 20C), 348 mOhms (10kHz 20C)
Ripple Current	2.41 Amps (100Hz 85C), 4.42 Amps (10kHz 85C)
Leakage Current	810 uA (5min 20°C)

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