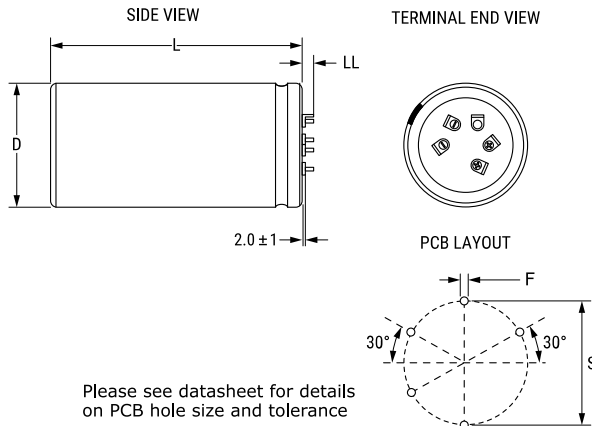


## ALF70G162FP500

ALF70, Aluminum, Aluminum Electrolytic, 1,600 uF, 20%, 500 VDC, -40/+85°C, 25 mm



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

### General Information

Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	225 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

### Specifications

Capacitance	1,600 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	144 mOhms (100Hz 20C), 107.4 mOhms (10kHz 20C)
Ripple Current	6.09 Amps (100Hz 85C), 11.29 Amps (10kHz 85C)
Leakage Current	4800 uA (5min 20°C)

### Dimensions

D	45mm +1mm
L	105mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Slewing	Yes
Packaging	Bulk

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