

## ALF70G182KP550

ALF70, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 550 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	310 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

### Specifications

Capacitance	1,800 uF
Tolerance	20%
Voltage DC	550 VDC, 605 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	232.9 mOhms (100Hz 20C), 201.4 mOhms (10kHz 20C)
Ripple Current	6.401 Amps (100Hz 85C), 9.7 Amps (10kHz 85C)
Leakage Current	5940 uA (5min 20°C)

### Dimensions

D	50mm +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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