

ALF20C182FP450

ALF20, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 450 VDC, -40/+85°C, 22.5 mm



Please see datasheet for details on PCB hole size and tolerance

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

General Information

Series	ALF20
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
Typical Component Weight	215 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	45mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	30

Specifications

Capacitance	1,800 uF
Tolerance	20%
Voltage DC	450 VDC, 495 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	82 mOhms (100Hz 20C), 55 mOhms (10kHz 20C)
Ripple Current	6.27 Amps (100Hz 85C), 10.87 Amps (10kHz 85C)
Leakage Current	4860 uA (5min 20°C)

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