

## ALF20C102EL450

ALF20, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C, 22.5 mm



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
AEC-Q200	No
Typical Component Weight	131 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

### Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	36

### Specifications

Capacitance	1,000 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 85°C), 29000 Hrs (Rated Voltage At 85°C)
ESR	114 mOhms (100Hz 20C), 75 mOhms (10kHz 20C)
Ripple Current	4.95 Amps (100Hz 85C), 9.32 Amps (10kHz 85C)
Leakage Current	2700 uA (5min 20°C)

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