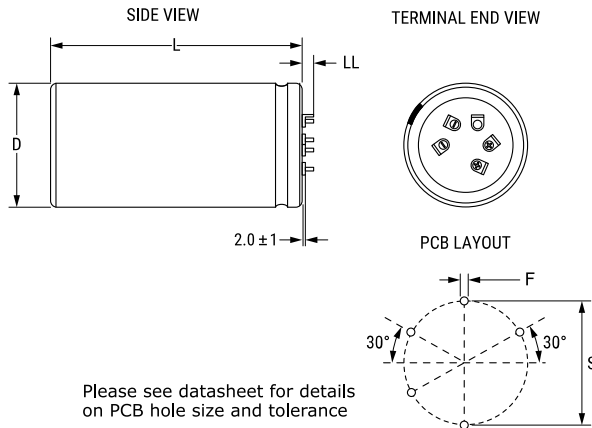


ALF20G102EJ450

ALF20, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 450 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
AEC-Q200	No
Typical Component Weight	113 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	40mm +1mm
L	70mm +/-2mm
S	25mm +/-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	142 mOhms (100Hz 20C), 93 mOhms (10kHz 20C)
Ripple Current	4.42 Amps (100Hz 85C), 8.42 Amps (10kHz 85C)
Leakage Current	2700 uA (5min 20°C)

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