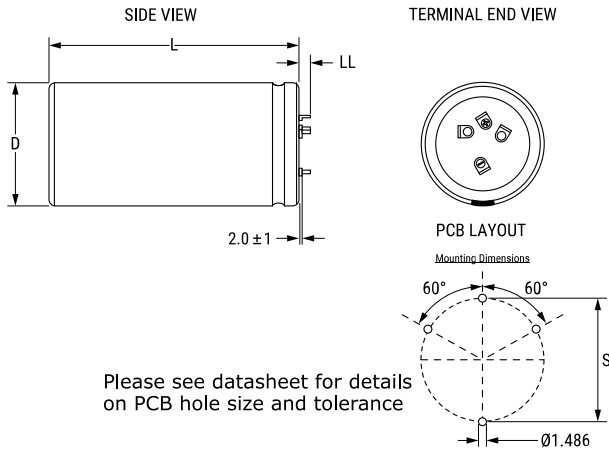


ALF70C681DH450

ALF70, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 VDC, -40/+85°C, 22.5 mm



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

General Information

Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	90 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	680 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85°C), 24000 Hrs (Rated Voltage At 85°C)
ESR	208.7 mOhms (100Hz 20C), 108.5 mOhms (10kHz 20C)
Ripple Current	3.2 Amps (100Hz 85C), 7.336 Amps (10kHz 85C)
Leakage Current	1836 uA (5min 20°C)

Dimensions

D	35mm +1mm
L	60mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk

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