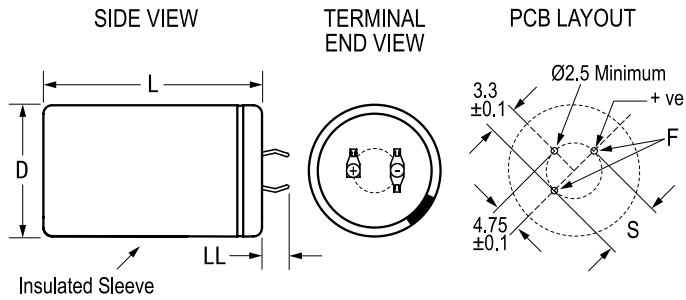


ALC80F511DF400

ALC80, Aluminum, Aluminum Electrolytic, 510 uF, 20%, 400 VDC, -40/+105°C, 10 mm



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

General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	80 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	510 uF
Tolerance	20%
Voltage DC	400 VDC, 440 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105°C), 13000 Hrs (Rated Voltage At 105°C)
ESR	241.7 mOhms (100Hz 20°C), 124.9 mOhms (10kHz 20°C)
Ripple Current	2.745 Amps (100Hz 105°C), 7.359 Amps (10kHz 105°C)
Leakage Current	612 uA (5min 20°C)

Dimensions

D	35mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

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