

## ALC80A511DF400

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



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

Dimensions	
D	35mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Bag

General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Halogen Free	Yes
Typical Component Weight	80 g
Notes	Dimensions D And L Include Sleeving.
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 105C), 13000 Hrs (Rated Voltage at 105C)
ESR	241.7 mOhms (100Hz 20C), 124.9 mOhms (10kHz 20C)
Ripple Current	2.745 Amps (100Hz 105C), 7.359 Amps (10kHz 105C)
Leakage Current	612 uA (5min 20°C)

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