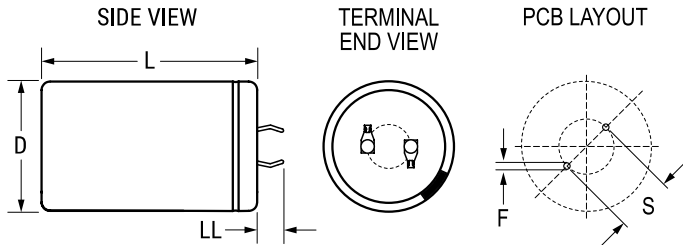


ALC80A271DE500

ALC80, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 500 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	2 Pin
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	75 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	500 VDC, 550 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	630.4 mOhms (100Hz 20C), 419.8 mOhms (10kHz 20C)
Ripple Current	2.104 Amps (100Hz 105C), 5.43 Amps (10kHz 105C)
Leakage Current	405 uA (5min 20°C)

Dimensions

D	35mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Tray

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