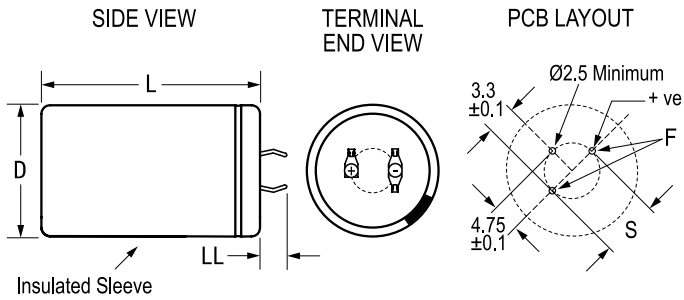


ALC10F271DF500

ALC10, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 500 VDC, -40/+85°C, 10 mm



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

General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
AEC-Q200	No
Typical Component Weight	70 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/+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	505 mOhms (100Hz 20C), 362 mOhms (10kHz 20C)
Ripple Current	2.34 Amps (100Hz 85C), 3.97 Amps (10kHz 85C)
Leakage Current	810 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	Tray

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