

ALC70A181BD450

ALC70, Aluminum, Aluminum Electrolytic, 180 uF, 20%, 450 VDC, -40/+85°C, 10 mm



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General Information

Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	35 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	180 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	10000 Hrs (Rated Voltage And Ripple Current At 85°C), 16000 Hrs (Rated Voltage At 85°C)
ESR	777.7 mOhms (100Hz 20°C), 436.7 mOhms (10kHz 20°C)
Ripple Current	1.219 Amps (100Hz 85°C), 2.945 Amps (10kHz 85°C)
Leakage Current	486 uA (5min 20°C)

Dimensions

D	25mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Tray

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