

ALC70F181CB450

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	3 Pin Short
Halogen Free	Yes
Typical Component Weight	40 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	30mm +1mm
L	30mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

Specifications

Capacitance	180 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C)
ESR	769.9 mOhms (100Hz 20C), 429.6 mOhms (10kHz 20C)
Ripple Current	1.281 Amps (100Hz 85C), 3.233 Amps (10kHz 85C)
Leakage Current	486 uA (5min 20°C)

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