

ALC70A301CD450

Aliases (A546DF301M450A)

ALC70, Aluminum Electrolytic, 300 uF, 20%, 450 VDC, -40/+85°C



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Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleaving	Yes
Packaging	Bulk, Bag

General Information

Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Halogen Free	Yes
Component Weight	50 g
Notes	Dimensions D And L Include Sleaving.
Shelf Life	156 Weeks

Specifications

Capacitance	300 uF
Capacitance 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)
Resistance	463.8 mOhms (100Hz 20C), 259.5 mOhms (10kHz 20C)
Ripple Current	1.786 Amps (100Hz 85C), 4.426 Amps (10kHz 85C)
Leakage Current	810 uA (5min 20°C)

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