

ALC70A301CF500

Aliases (A546DH301M500A)

ALC70, Aluminum Electrolytic, 300 uF, 20%, 500 VDC, -40/+85°C



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Dimensions

D	30mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleeving	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	60 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Specifications

Capacitance	300 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC, 550 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	670.2 mOhms (100Hz 20C), 474.7 mOhms (10kHz 20C)
Ripple Current	1.908 Amps (100Hz 85C), 4.113 Amps (10kHz 85C)
Leakage Current	900 uA (5min 20°C)

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