

ALC70D302CD100

Aliases (A546DF302M100D)

ALC70, Aluminum Electrolytic, 3,000 uF, 20%, 100 VDC, -40/+85°C



General Information

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

Specifications

Capacitance	3,000 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 115 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	85.52 mOhms (100Hz 20C), 67.2 mOhms (10kHz 20C)
Ripple Current	4.759 Amps (100Hz 85C), 6.767 Amps (10kHz 85C)
Leakage Current	1800 uA (5min 20°C)

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

Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleevings	Yes
Packaging	Bulk, Bag

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