

ALC70C102FP600

Aliases (A546JW102M600C)

ALC70, Aluminum Electrolytic, 1,000 uF, 20%, 600 VDC, -40/+85°C



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Dimensions

D	45mm +1mm
L	105mm +/-2mm
S	22.5mm +/-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	4 Pin
AEC-Q200	No
Halogen Free	Yes
Component Weight	225 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications

Capacitance	1,000 uF
Capacitance Tolerance	20%
Voltage DC	600 VDC, 660 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	18000 Hrs (Rated Voltage and Ripple Current at 85C), 29000 Hrs (Rated Voltage at 85C)
Resistance	132.3 mOhms (100Hz 20C), 92.06 mOhms (10kHz 20C)
Ripple Current	5.747 Amps (100Hz 85C), 11.48 Amps (10kHz 85C)
Leakage Current	3600 uA (5min 20°C)

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