

## ALC70A510BB600

Aliases (A546CD510M600A)

ALC70, Aluminum Electrolytic, 51 uF, 20%, 600 VDC, -40/+85°C



### 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	28 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

### Specifications

Capacitance	51 uF
Capacitance Tolerance	20%
Voltage DC	600 VDC, 660 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	10000 Hrs (Rated Voltage And Ripple Current At 85C), 16000 Hrs (Rated Voltage at 85C)
Resistance	2496 mOhms (100Hz 20C), 1723 mOhms (10kHz 20C)
Ripple Current	0.722 Amps (100Hz 85C), 1.597 Amps (10kHz 85C)
Leakage Current	183.6 uA (5min 20°C)

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

### Dimensions

D	25mm +1mm
L	30mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Sleevings	Yes
Packaging	Bulk, Bag

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