

ALC70D271CF550

Aliases (A546DH271M550D)

ALC70, Aluminum Electrolytic, 270 uF, 20%, 550 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	60 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Specifications

Capacitance	270 uF
Capacitance Tolerance	20%
Voltage DC	550 VDC, 605 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	1593 mOhms (100Hz 20C), 1384 mOhms (10kHz 20C)
Ripple Current	1.647 Amps (100Hz 85C), 2.594 Amps (10kHz 85C)
Leakage Current	891 uA (5min 20°C)

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

Dimensions

D	30mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleevings	Yes
Packaging	Bulk, Bag

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