

ALC10F680BC550

ALC10, Aluminum, Aluminum Electrolytic, 68 uF, 20%, 550 VDC, -40/+85°C, 10 mm



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General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
AEC-Q200	No
Typical Component Weight	30 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	25mm +1mm
L	35mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	68 uF
Tolerance	20%
Voltage DC	550 VDC, 605 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	10000 Hrs (Rated Voltage And Ripple Current At 85°C), 16000 Hrs (Rated Voltage At 85°C)
ESR	5038 mOhms (100Hz 20C), 4388 mOhms (10kHz 20C)
Ripple Current	0.77 Amps (100Hz 85C), 1.29 Amps (10kHz 85C)
Leakage Current	224.4 uA (5min 20°C)

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