

ALC10A181CF550

ALC10, Aluminum, Aluminum Electrolytic, 180 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	2 Pin
Typical Component Weight	55 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	30mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	180 uF
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)
ESR	1914 mOhms (100Hz 20C), 1670 mOhms (10kHz 20C)
Ripple Current	1.52 Amps (100Hz 85C), 2.47 Amps (10kHz 85C)
Leakage Current	594 uA (5min 20°C)

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