

## ALA8AF181BC450

ALA8A, Aluminum, Aluminum Electrolytic, 180 uF, 20%, 450 VDC, -40/+105°C, 10 mm



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

Packaging Specifications	
Packaging	Tray

General Information	
Series	ALA8A
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
Qualifications	AEC-Q200
Halogen Free	Yes
Typical Component Weight	30 g
Shelf Life	156 Weeks

Specifications	
Capacitance	180 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	5000 Hrs (Rated Voltage And Ripple Current At 105C)
ESR	778 mOhms (100Hz 20C)
Ripple Current	1.2 Amps (100Hz 105C), 3.3 Amps (10kHz 105C)
Leakage Current	243 uA (5min 20°C)

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