

## ALA8AA181BE500

ALA8A, Aluminum, Aluminum Electrolytic, 180 uF, 20%, 500 VDC, -40/+105°C, 10 mm



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

Dimensions	
D	25mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging	Tray

General Information	
Series	ALA8A
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Qualifications	AEC-Q200
Halogen Free	Yes
Typical Component Weight	40 g
Shelf Life	156 Weeks

Specifications	
Capacitance	180 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	5000 Hrs (Rated Voltage And Ripple Current At 105C)
ESR	1158 mOhms (100Hz 20C)
Ripple Current	1.4 Amps (100Hz 105C), 3.2 Amps (10kHz 105C)
Leakage Current	270 uA (5min 20°C)

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