

## ALA8AF181BE500

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



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

### 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	40 g
Shelf Life	156 Weeks

### Dimensions

D	25mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Packaging	Bulk, Bag
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### 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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