



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

### Dimensions

D	30mm +1mm
L	45mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Packaging	Bulk, Bag
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### General Information

Series	ALA8A
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	55 g
Shelf Life	156 Weeks

### Specifications

Capacitance	270 uF
Capacitance 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	766 mOhms (100Hz 20C)
Ripple Current	1.9 Amps (100Hz 105C), 4.6 Amps (10kHz 105C)
Leakage Current	405 uA (5min 20°C)