



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

### 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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### 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	40 g
Shelf Life	156 Weeks

### Specifications

Capacitance	270 uF
Capacitance 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	522 mOhms (100Hz 20C)
Ripple Current	1.6 Amps (100Hz 105C), 4 Amps (10kHz 105C)
Leakage Current	364.5 uA (5min 20°C)