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#### General Information

Series	ALA8D
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	60 g
Miscellaneous	Vibration: ≤ 35mm 1.5mm displacement amplitude or 20G maximum acceleration. Vibration applied for three directions of 4-hour sessions at 10 – 2,000 Hz. (Capacitor clamped by body.)
Shelf Life	156 Weeks

#### Specifications

Capacitance	360 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105°C), 13000 Hrs (Rated Voltage At 105°C)
ESR	386 mOhms (100Hz 20°C), 228 mOhms (10kHz 20°C)
Ripple Current	2.18 Amps (100Hz 105°C), 5.43 Amps (10kHz 105°C)
Leakage Current	486 uA (5min 20°C)

#### Dimensions

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

#### Packaging Specifications

Packaging	Tray
Packaging Quantity	100

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