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#### General Information

Series	ALA8D
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	50 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

#### Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

#### Packaging Specifications

Packaging	Tray
Packaging Quantity	160

#### Specifications

Capacitance	360 uF
Tolerance	20%
Voltage DC	400 VDC, 440 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
ESR	420.4 mOhms (100Hz 20C), 247 mOhms (10kHz 20C)
Ripple Current	2 Amps (100Hz 105C), 5.39 Amps (10kHz 105C)
Leakage Current	432 uA (5min 20°C)

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