

ALA7DA561EF550

ALA7D, Aluminum, Aluminum Electrolytic, 560 uF, 20%, 550 VDC, -40/+85°C, 10 mm



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General Information

Series	ALA7D
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	105 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	40mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	36

Specifications

Capacitance	560 uF
Tolerance	20%
Voltage DC	550 VDC, 605 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 85C)
ESR	315 mOhms (100Hz 20C), 220 mOhms (10kHz 20C)
Ripple Current	3.168 Amps (100Hz 85C), 6.093 Amps (10kHz 85C)
Leakage Current	1848 uA (5min 20°C)

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