

## ALC40A391EF500

ALC40, Aluminum, Aluminum Electrolytic, 390 uF, 20%, 500 VDC, -40/+105°C, 10 mm



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Dimensions	
D	40mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging	Tray

General Information	
Series	ALC40
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Typical Component Weight	82 g
Shelf Life	156 Weeks

Specifications	
Capacitance	390 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C)
ESR	580 mOhms (100Hz 20C), 470 mOhms (10kHz 20C)
Ripple Current	2.94 Amps (100Hz 105C), 5.81 Amps (10kHz 105C)
Leakage Current	585 uA (5min 20°C)

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