

## ALC40A681EL500

ALC40, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 500 VDC, -40/+105°C, 10 mm



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Dimensions	
D	40mm +1mm
L	80mm +/-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
AEC-Q200	No
Typical Component Weight	131 g
Shelf Life	156 Weeks

Specifications	
Capacitance	680 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	330 mOhms (100Hz 20C), 270 mOhms (10kHz 20C)
Ripple Current	4.25 Amps (100Hz 105C), 8.14 Amps (10kHz 105C)
Leakage Current	1020 uA (5min 20°C)

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