

ALC40A681DD250

ALC40, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 250 VDC, -40/+105°C, 10 mm



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Dimensions	
D	35mm +1mm
L	40mm +/-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	55 g
Shelf Life	156 Weeks

Specifications	
Capacitance	680 uF
Tolerance	20%
Voltage DC	250 VDC, 288 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
ESR	245 mOhms (100Hz 20C), 179 mOhms (10kHz 20C)
Ripple Current	1.8 Amps (100Hz 105C), 2.59 Amps (10kHz 105C)
Leakage Current	510 uA (5min 20°C)

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