

## ALC10A681DL450

ALC10, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 VDC, -40/+85°C, 10 mm



Click [here](#) for the 3D model.

### General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Typical Component Weight	105 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

### Specifications

Capacitance	680 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C)
ESR	190 mOhms (100Hz 20C), 131 mOhms (10kHz 20C)
Ripple Current	3.61 Amps (100Hz 85C), 6.09 Amps (10kHz 85C)
Leakage Current	1836 uA (5min 20°C)

### Dimensions

D	35mm +1mm
L	80mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Slewing	Yes
Packaging	Tray

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