

## ALC80D221CD450

ALC80, Aluminum, Aluminum Electrolytic, 220 uF, 20%, 450 VDC, -40/+105°C, 10 mm



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

### General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin Short
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	50 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

### Specifications

Capacitance	220 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
ESR	585.4 mOhms (100Hz 20C), 335.3 mOhms (10kHz 20C)
Ripple Current	1.643 Amps (100Hz 105C), 4.898 Amps (10kHz 105C)
Leakage Current	297 uA (5min 20°C)

### Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

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