

## ALF80C301DD450

ALF80, Aluminum, Aluminum Electrolytic, 300 uF, 20%, 450 VDC, -40/+105°C, 22.5 mm



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

### General Information

Series	ALF80
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
AEC-Q200	No
Typical Component Weight	65 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

### Dimensions

D	35mm +1mm
L	40mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Slewing	Yes
Packaging	Bulk

### Specifications

Capacitance	300 uF
Tolerance	20%
Voltage DC	450 VDC, 495 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	433.8 mOhms (100Hz 20C), 250 mOhms (10kHz 20C)
Ripple Current	2.092 Amps (100Hz 105C), 5.815 Amps (10kHz 105C)
Leakage Current	405 uA (5min 20°C)

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