

ALC80E241DC450

ALC80, Aluminum, Aluminum Electrolytic, 240 uF, 20%, 450 VDC, -40/+105°C, 22.5 mm



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General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Short
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	60 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions	
D	35mm +1mm
L	35mm +/-2mm
S	22.5mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Slewing	Yes
Packaging	Bulk, Bag

Specifications	
Capacitance	240 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	541.2 mOhms (100Hz 20C), 311.5 mOhms (10kHz 20C)
Ripple Current	1.81 Amps (100Hz 105C), 5.092 Amps (10kHz 105C)
Leakage Current	324 uA (5min 20°C)

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