

ALC80A271EB450

ALC80, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 450 VDC, -40/+105°C, 10 mm



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Dimensions	
D	40mm +1mm
L	30mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Tray

General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Halogen Free	Yes
Typical Component Weight	55 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications	
Capacitance	270 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C)
ESR	495.7 mOhms (100Hz 20C), 287.8 mOhms (10kHz 20C)
Ripple Current	1.965 Amps (100Hz 105C), 4.991 Amps (10kHz 105C)
Leakage Current	364.5 uA (5min 20°C)

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