

ALC80E513FP063

ALC80, Aluminum, Aluminum Electrolytic, 51,000 uF, 20%, 63 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	225 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions	
D	45mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Slewing	Yes
Packaging	Bulk, Bag

Specifications	
Capacitance	51,000 uF
Tolerance	20%
Voltage DC	63 VDC, 72.5 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	10.91 mOhms (100Hz 20C), 9.055 mOhms (10kHz 20C)
Ripple Current	16.83 Amps (100Hz 105C), 19.59 Amps (10kHz 105C)
Leakage Current	6000 uA (5min 20°C)

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