

ALC80, Aluminum Electrolytic, 680 uF, 20%, 500 VDC, -40/+105°C



General Information	
Series:	ALC80
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	3 Pin Short
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	145 g
Notes:	Dimensions D And L Include Sleevings.
Shelf Life:	156 Weeks

Dimensions	
D	40mm +1mm
L	70mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleevings:	Yes
Packaging:	Bulk, Bag

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 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)
Resistance:	257.9 mOhms (100Hz 20C), 173.3 mOhms (10kHz 20C)
Ripple Current:	3.908 Amps (100Hz 105C), 9.003 Amps (10kHz 105C)
Leakage Current:	1020 uA (5min 20°C)

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