

ALC80F511BD200

ALC80, Aluminum, Aluminum Electrolytic, 510 uF, 20%, 200 VDC, -40/+105°C, 10 mm



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Dimensions	
D	25mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Bag

General Information	
Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
Halogen Free	Yes
Typical Component Weight	35 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications	
Capacitance	510 uF
Tolerance	20%
Voltage DC	200 VDC, 230 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage at 105C)
ESR	419.3 mOhms (100Hz 20C), 252.8 mOhms (10kHz 20C)
Ripple Current	1.741 Amps (100Hz 105C), 3.749 Amps (10kHz 105C)
Leakage Current	306 uA (5min 20°C)

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