

ALC70A182BD100

ALC70, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 100 VDC, -40/+85°C, 10 mm



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Dimensions	
D	25mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Tray

General Information	
Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Halogen Free	Yes
Typical Component Weight	35 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

Specifications	
Capacitance	1,800 uF
Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	10000 Hrs (Rated Voltage And Ripple Current At 85C), 16000 Hrs (Rated Voltage at 85C)
ESR	148 mOhms (100Hz 20C), 117.4 mOhms (10kHz 20C)
Ripple Current	3.128 Amps (100Hz 85C), 4.276 Amps (10kHz 85C)
Leakage Current	1080 uA (5min 20°C)

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