

ALC10, Aluminum Electrolytic, 270 uF, 20%, 500 VDC, -40/+85°C



General Information	
Series:	ALC10
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin Short
AEC-Q200:	No
Component Weight:	65 g
Notes:	Dimensions D And L Include Slewing.
Shelf Life:	156 Weeks

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

Specifications	
Capacitance:	270 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage at 85C)
Resistance:	466 mOhms (100Hz 20C), 348 mOhms (10kHz 20C)
Ripple Current:	2.41 Amps (100Hz 85C), 4.42 Amps (10kHz 85C)
Leakage Current:	810 uA (5min 20°C)

Packaging Specifications	
Slewing:	Yes
Packaging:	Bulk, Bag

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