

ALC40, Aluminum Electrolytic, 470 uF, 20%, 500 VDC, -40/+105°C



General Information	
Series:	ALC40
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin Short
AEC-Q200:	No
Component Weight:	105 g
Shelf Life:	156 Weeks

Dimensions	
D	35mm +1mm
L	80mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging:	Bulk, Bag

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
Resistance:	480 mOhms (100Hz 20C), 390 mOhms (10kHz 20C)
Ripple Current:	3.14 Amps (100Hz 105C), 5.61 Amps (10kHz 105C)
Leakage Current:	705 uA (5min 20°C)

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