

ALC10A102EL450

Aliases (A521HP102M450A)

ALC10, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C



General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Component Weight	131 g
Notes	Dimensions D And L Include Sleevings.
Shelf Life	156 Weeks

Specifications

Capacitance	1,000 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 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	114 mOhms (100Hz 20C), 75 mOhms (10kHz 20C)
Ripple Current	4.95 Amps (100Hz 85C), 9.32 Amps (10kHz 85C)
Leakage Current	2700 uA (5min 20°C)

Click [here](#) for the 3D model.

Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Sleevings	Yes
Packaging	Bulk, Bag

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