

## ALC10C102EP500

Aliases (A521HW102M500C)

ALC10, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+85°C



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

### Dimensions

D	40mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Bag

### General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin
AEC-Q200	No
Component Weight	170 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

### Specifications

Capacitance	1,000 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	140 mOhms (100Hz 20C), 98 mOhms (10kHz 20C)
Ripple Current	5.43 Amps (100Hz 85C), 9.18 Amps (10kHz 85C)
Leakage Current	3000 uA (5min 20°C)

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