

## ALC10A102EP550

ALC10, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 550 VDC, -40/+85°C, 10 mm



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

### Dimensions

D	40mm +1mm
L	105mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Sleeving	Yes
Packaging	Tray

### General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
AEC-Q200	No
Typical Component Weight	170 g
Notes	Dimensions D And L Include Sleeving.
Shelf Life	156 Weeks

### Specifications

Capacitance	1,000 uF
Tolerance	20%
Voltage DC	550 VDC, 605 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)
ESR	352 mOhms (100Hz 20C), 308 mOhms (10kHz 20C)
Ripple Current	4.86 Amps (100Hz 85C), 7.59 Amps (10kHz 85C)
Leakage Current	3300 uA (5min 20°C)

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