

ALC10C102EP500

ALC10, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+85°C, 22.5 mm



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General Information

Series	ALC10
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin
Typical Component Weight	170 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

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

Packaging Specifications

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	1,000 uF
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)
ESR	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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