

ALC70C102EH450

ALC70, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C, 22.5 mm



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General Information

Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	125 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	1,000 uF
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)
ESR	148.2 mOhms (100Hz 20C), 85.42 mOhms (10kHz 20C)
Ripple Current	4.11 Amps (100Hz 85C), 8.534 Amps (10kHz 85C)
Leakage Current	2700 uA (5min 20°C)

Dimensions

D	40mm +1mm
L	60mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Tray

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