

ALC70D102EH450

ALC70, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C, 10 mm



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General Information

Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin Short
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 85°C), 29000 Hrs (Rated Voltage At 85°C)
ESR	148.2 mOhms (100Hz 20°C), 85.42 mOhms (10kHz 20°C)
Ripple Current	4.11 Amps (100Hz 85°C), 8.534 Amps (10kHz 85°C)
Leakage Current	2700 uA (5min 20°C)

Dimensions

D	40mm +1mm
L	60mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

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