

ALC70E822EF100

ALC70, Aluminum, Aluminum Electrolytic, 8,200 uF, 20%, 100 VDC, -40/+85°C, 22.5 mm



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

General Information

Series	ALC70
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Short
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	105 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	8,200 uF
Tolerance	20%
Voltage DC	100 VDC, 115 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	41.7 mOhms (100Hz 20C), 34.82 mOhms (10kHz 20C)
Ripple Current	7.589 Amps (100Hz 85C), 9.035 Amps (10kHz 85C)
Leakage Current	4920 uA (5min 20°C)

Dimensions

D	40mm +1mm
L	50mm +/-2mm
S	22.5mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

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