

ALC70C242EH250

ALC70, Aluminum, Aluminum Electrolytic, 2,400 uF, 20%, 250 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

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	Bulk, Bag

Specifications

Capacitance	2,400 uF
Tolerance	20%
Voltage DC	250 VDC, 288 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	84.69 mOhms (100Hz 20C), 51.92 mOhms (10kHz 20C)
Ripple Current	5.401 Amps (100Hz 85C), 9.332 Amps (10kHz 85C)
Leakage Current	3600 uA (5min 20°C)

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