

ALC70A153CD040

ALC70, Aluminum, Aluminum Electrolytic, 15,000 uF, 20%, 40 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
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	50 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	15,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	13000 Hrs (Rated Voltage And Ripple Current At 85°C), 21000 Hrs (Rated Voltage At 85°C)
ESR	48.33 mOhms (100Hz 20°C), 39.74 mOhms (10kHz 20°C)
Ripple Current	6.411 Amps (100Hz 85°C), 8.342 Amps (10kHz 85°C)
Leakage Current	3600 uA (5min 20°C)

Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Tray

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