

ALF70C51IDD400

ALF70, Aluminum, Aluminum Electrolytic, 510 uF, 20%, 400 VDC, -40/+85°C, 22.5 mm



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General Information

Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
Halogen Free	Yes
Typical Component Weight	65 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	35mm +1mm
L	40mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk

Specifications

Capacitance	510 uF
Tolerance	20%
Voltage DC	400 VDC, 440 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C)
ESR	272.3 mOhms (100Hz 20C), 144.6 mOhms (10kHz 20C)
Ripple Current	2.459 Amps (100Hz 85C), 5.738 Amps (10kHz 85C)
Leakage Current	1224 uA (5min 20°C)

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