

ALF40C471DF400

ALF40, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 400 VDC, -40/+105°C, 22.5 mm



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General Information

Series	ALF40
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
AEC-Q200	No
Typical Component Weight	70 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	35mm +1mm
L	50mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	100

Specifications

Capacitance	470 uF
Tolerance	20%
Voltage DC	400 VDC, 440 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
ESR	277 mOhms (100Hz 20C), 192 mOhms (10kHz 20C)
Ripple Current	2.51 Amps (100Hz 105C), 4.4 Amps (10kHz 105C)
Leakage Current	564 uA (5min 20°C)

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