

ALF40C392FP250

ALF40, Aluminum, Aluminum Electrolytic, 3,900 uF, 20%, 250 VDC, -40/+105°C, 22.5 mm



Please see datasheet for details on PCB hole size and tolerance

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

General Information

Series	ALF40
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
Typical Component Weight	215 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	45mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	30

Specifications

Capacitance	3,900 uF
Tolerance	20%
Voltage DC	250 VDC, 288 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage at 105C)
ESR	50 mOhms (100Hz 20C), 33 mOhms (10kHz 20C)
Ripple Current	7.9 Amps (100Hz 105C), 12.43 Amps (10kHz 105C)
Leakage Current	2925 uA (5min 20°C)

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