

## ALF40C122KP500

ALF40, Aluminum, Aluminum Electrolytic, 1,200 uF, 20%, 500 VDC, -40/+105°C, 22.5 mm



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	264 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

### Dimensions

D	50mm +1mm
L	105mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	24

### Specifications

Capacitance	1,200 uF
Tolerance	20%
Voltage DC	500 VDC, 550 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	190 mOhms (100Hz 20C), 160 mOhms (10kHz 20C)
Ripple Current	6.27 Amps (100Hz 105C), 11 Amps (10kHz 105C)
Leakage Current	1800 uA (5min 20°C)

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