

ALF40C681EL500

ALF40, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 500 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
Typical Component Weight	131 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions	
D	40mm +1mm
L	80mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	36

Specifications	
Capacitance	680 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	330 mOhms (100Hz 20C), 270 mOhms (10kHz 20C)
Ripple Current	4.25 Amps (100Hz 105C), 8.14 Amps (10kHz 105C)
Leakage Current	1020 uA (5min 20°C)

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