

ALF40C183DF040

ALF40, Aluminum, Aluminum Electrolytic, 18,000 uF, 20%, 40 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	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	18,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 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	73 mOhms (100Hz 20C), 64 mOhms (10kHz 20C)
Ripple Current	4.12 Amps (100Hz 105C), 4.58 Amps (10kHz 105C)
Leakage Current	2160 uA (5min 20°C)

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