

ALF20C181EB500

ALF20, Aluminum, Aluminum Electrolytic, 180 uF, 20%, 500 VDC, -40/+85°C, 22.5 mm



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General Information

Series	ALF20
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
Typical Component Weight	49 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	40mm +1mm
L	30mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	72

Specifications

Capacitance	180 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 85C)
ESR	699 mOhms (100Hz 20C), 522 mOhms (10kHz 20C)
Ripple Current	1.76 Amps (100Hz 85C), 3.22 Amps (10kHz 85C)
Leakage Current	540 uA (5min 20°C)

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