

ALF70C182KP500

ALF70, Aluminum, Aluminum Electrolytic, 1,800 uF, 20%, 500 VDC, -40/+85°C, 22.5 mm



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General Information

Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Press-Fit
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	310 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	1,800 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 85°C), 29000 Hrs (Rated Voltage At 85°C)
ESR	130.3 mOhms (100Hz 20C), 95.63 mOhms (10kHz 20C)
Ripple Current	6.682 Amps (100Hz 85C), 12.15 Amps (10kHz 85C)
Leakage Current	5400 uA (5min 20°C)

Dimensions

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

Packaging Specifications

Slewing	Yes
Packaging	Bulk

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