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General Information

Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	55 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	270 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	765.5 mOhms (100Hz 20C), 545.1 mOhms (10kHz 20C)
Ripple Current	1.856 Amps (100Hz 85C), 3.741 Amps (10kHz 85C)
Leakage Current	810 uA (5min 20°C)

Dimensions

D	40mm +1mm
L	30mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk

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