

ALF70C271DG600

ALF70, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 600 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	85 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	600 VDC, 660 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85°C), 24000 Hrs (Rated Voltage At 85°C)
ESR	474.6 mOhms (100Hz 20C), 306.5 mOhms (10kHz 20C)
Ripple Current	2.382 Amps (100Hz 85C), 5.12 Amps (10kHz 85C)
Leakage Current	972 uA (5min 20°C)

Dimensions

D	35mm +1mm
L	55mm +/-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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