

ALF70G303KP100

ALF70, Aluminum, Aluminum Electrolytic, 30,000 uF, 20%, 100 VDC, -40/+85°C, 25 mm



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General Information

Series	ALF70
Dielectric	Aluminum Electrolytic
Style	Press-Fit
Description	Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin Press-Fit
Halogen Free	Yes
Typical Component Weight	310 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	50mm +1mm
L	105mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk

Specifications

Capacitance	30,000 uF
Tolerance	20%
Voltage DC	100 VDC, 115 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	13.91 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)
Ripple Current	16.07 Amps (100Hz 85C), 18.16 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

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