

ALF20C471DH450

ALF20, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 450 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	80 g
Notes	Dimensions Include Slewing.
Shelf Life	156 Weeks

Dimensions

D	35mm +1mm
L	60mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Packaging	Bulk
Packaging Quantity	50

Specifications

Capacitance	470 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C)
ESR	270 mOhms (100Hz 20C), 185 mOhms (10kHz 20C)
Ripple Current	2.95 Amps (100Hz 85C), 5.12 Amps (10kHz 85C)
Leakage Current	1269 uA (5min 20°C)

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