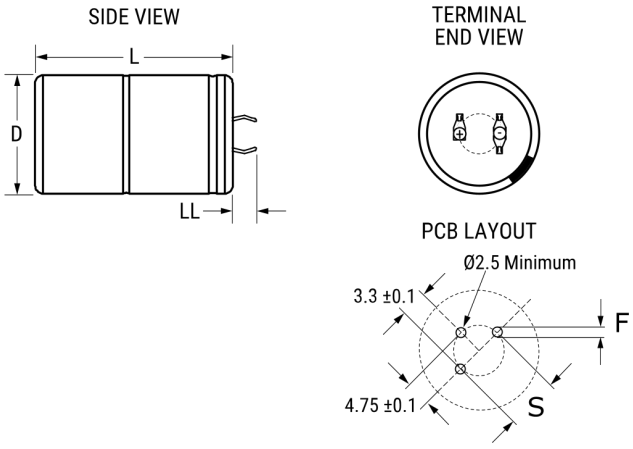
ALA8DF431DD450

Aliases (A543EF431M450F)

ALA8D, Aluminum Electrolytic, 430 uF, 20%, 450 VDC, -40/+105°C



Click here for the 3D model.

General Information	
Series	ALA8D
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Component Weight	65 g
Miscellaneous	Vibration: <= 35mm 1.5mm displacement amplitude or 20G maximum acceleration. Vibration applied for three directions of 4-hour sessions at 10 – 2,000 Hz. (Capacitor clamped by body.).
Shelf Life	156 Weeks

Dimensions	
D	35mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Specifications	
Capacitance	430 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
Resistance	323 mOhms (100Hz 20C), 190.8 mOhms (10kHz 20C)
Ripple Current	2.37 Amps (100Hz 105C), 5.91 Amps (10kHz 105C)
Leakage Current	580.5 uA (5min 20°C)

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	100

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