

ALS31A471DF450

Aliases (A431FM471M450A)

ALS31, Aluminum Electrolytic, 470 uF, 20%, 450 VDC, -40/+85°C



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Dimensions

D	36mm +/-1mm
L	105mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	111.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Box

General Information

Series	ALS31
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
AEC-Q200	No
Component Weight	140 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M8x12.
Shelf Life	156 Weeks

Specifications

Capacitance	470 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
Resistance	235 mOhms (100Hz 20C), 155 mOhms (10kHz 20C)
Ripple Current	4 Amps (100Hz 85C), 8.4 Amps (10kHz 85C)
Leakage Current	1269 uA (5min 20°C)

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