

# ALS31A222NF450

ALS31, Aluminum, Aluminum Electrolytic, 2,200 uF, 20%, 450 VDC, -40/+85°C, 31.8 mm



Click [here](#) for the 3D model.

## General Information

Series	ALS31
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Typical Component Weight	690 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

## Dimensions

D	77mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

## Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

## Specifications

Capacitance	2,200 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage at 85C)
ESR	59 mOhms (100Hz 20C), 41 mOhms (10kHz 20C)
Ripple Current	12.2 Amps (100Hz 85C), 21.1 Amps (10kHz 85C)
Leakage Current	5940 uA (5min 20°C)

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