

# ALS31A682NT400

ALS31, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 400 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	1,450 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

## Dimensions

D	77mm +/-1mm
L	220mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	224.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

## Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

## Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	400 VDC, 440 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	22 mOhms (100Hz 20C), 15 mOhms (10kHz 20C)
Ripple Current	29 Amps (100Hz 85C), 40.7 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

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