

## ALS30A682NT500

ALS30, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 500 VDC, -40/+85°C, 31.8 mm



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

### General Information

Series	ALS30
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Typical Component Weight	1,450 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
Shelf Life	156 Weeks

### Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	500 VDC, 550 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	34 mOhms (100Hz 20C), 27 mOhms (10kHz 20C)
Ripple Current	26.7 Amps (100Hz 85C), 40.3 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

### 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

Sleeving	Yes
Packaging	Bulk, Box

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