

## ALS30A682DF100

ALS30, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+85°C, 12.8 mm



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

### General Information

Series	ALS30
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
AEC-Q200	No
Typical Component Weight	140 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
Shelf Life	156 Weeks

### Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	11000 Hrs (Rated Voltage And Ripple Current At 85°C), 22000 Hrs (Rated Voltage At 85°C)
ESR	23 mOhms (100Hz 20°C), 19 mOhms (10kHz 20°C)
Ripple Current	10 Amps (100Hz 85°C), 11.1 Amps (10kHz 85°C)
Leakage Current	4080 uA (5min 20°C)

### 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

Slewing	Yes
Packaging	Bulk, Box

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