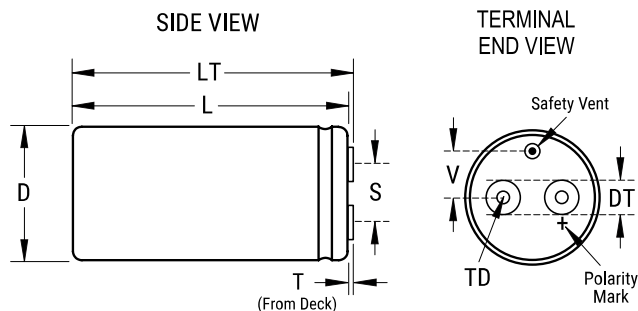


## ALS40C682NT415

ALS40, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 415 VDC, -40/+105°C, 31.8 mm



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

### General Information

Series	ALS40
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M6
Mounting	Through-Hole
AEC-Q200	No
Halogen Free	No
Typical Component Weight	1,450 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life	156 Weeks

### Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	415 VDC, 456.5 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C)
ESR	21 mOhms (100Hz 20C), 14 mOhms (10kHz 20C)
Ripple Current	23 Amps (100Hz 105C), 32.5 Amps (10kHz 105C)
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	Available On Request
TD	10mm MIN
V	19mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

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