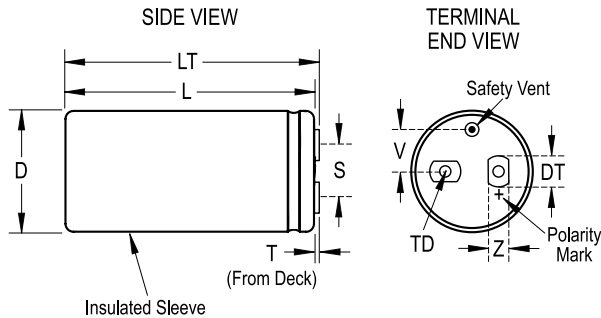


## ALS32A682Q5R450

Not for New Design

ALS32, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 450 VDC, -40/+85°C, 31.8 mm



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

### General Information

Series	ALS32
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Typical Component Weight	1,360 g
Notes	Add 0.4mm To D (1.1mm When D = 88.9) And 1.1mm To L For Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90
Shelf Life	156 Weeks

### Specifications

Capacitance	6,800 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 85°C), 40000 Hrs (Rated Voltage at 85°C)
ESR	19 mOhms (120Hz 25°C), 13 mOhms (20kHz 25°C)
Ripple Current	24.6 Amps (120Hz 85°C), 36.3 Amps (20kHz 85°C)
Leakage Current	6000 uA (5min 20°C)

### Dimensions

D	88.9mm +/-0.8mm
L	149.2mm +/-1.6mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	154mm +/-1mm
TD	10mm MIN
V	25mm NOM
Z	10mm NOM

### Packaging Specifications

Packaging	Bulk, Box
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