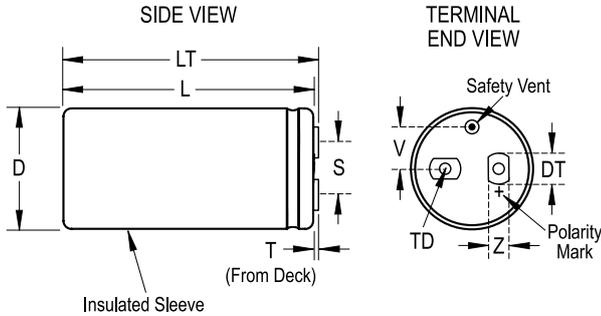


ALS32A682Q5R450

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
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 85C), 40000 Hrs (Rated Voltage at 85C)
ESR	19 mOhms (120Hz 25C), 13 mOhms (20kHz 25C)
Ripple Current	24.6 Amps (120Hz 85C), 36.3 Amps (20kHz 85C)
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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