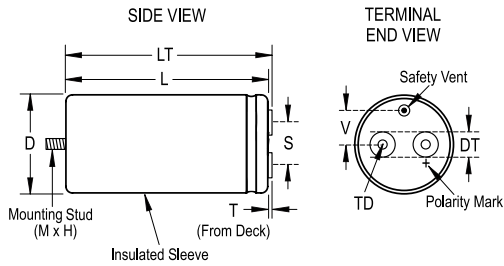


KEMET Part Number: ALS31C682NT450
(A431TW682M450C)

ALS31, Aluminum Electrolytic, 85C, 6,800 uF, 20%, 450 VDC, -40/+85C



General Information	
Supplier:	KEMET
Series:	ALS31
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Notes:	Dimensions D And L Include Sleaving. MS (MxH) = M12x16. Dimension LT Available On Request

Dimensions	
D	77mm +/-1mm
L	220mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
TD	10mm MIN
V	19mm NOM

Specifications	
Capacitance:	6,800 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC
Temperature Range:	-40/+85C
Rated Temperature:	85C
Life:	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C)
Resistance:	21 mOhms (100Hz 20C), 14 mOhms (10kHz 20C)
Ripple Current:	27.4 Amps (100Hz 85C), 38.8 Amps (10kHz 85C)
Leakage Current:	6000 uA (5min 20C)

Packaging Specifications	
Weight:	1.45 kg
Sleaving:	Yes
Packaging:	Bulk, Box

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