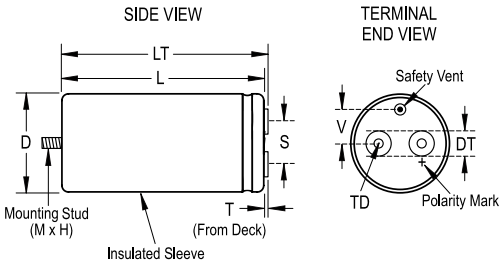
KEMET Part Number: ALS70A511DB450

Aluminum Electrolytic, 85C, ALS70, 510 uF, 20%, 450 V, -40/+85C



General Information	
Dielectric:	Aluminum Electrolytic
Series:	ALS70
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Notes:	Dimensions D And L Include Sleeving. MS (MxH)= M8x 12

Dimensions	
D	36mm +/-1mm
L	62mm +/-2mm
T	7.14mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	67.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Specifications	
Capacitance:	510 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC, 495 VDC (Surge), 550 VDC (Surge)
Temperature Range:	-40/+85C
Rated Temperature:	85C
Life:	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
Resistance:	337 mOhms (100Hz 20C), 212 mOhms (10kHz 20C)
Current:	3.2 Amps (100Hz 85C), 6.9 Amps (10 kHz 85C)
Leakage Current:	1377 uA

Packaging Specifications	
Weight:	90 g
Sleeving:	Yes
Packaging:	T&R

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