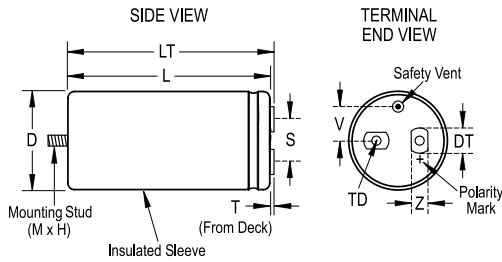


**KEMET Part Number: ALS81A122KE500**  
(A481LH122M500A)



ALS81, Aluminum Electrolytic, 1,200 uF, 20%, 500 VDC, -40/+105°C



Dimensions	
D	51mm +/-1mm
L	82mm +/-2mm
T	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	86.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

Packaging Specifications	
Sleeving:	Yes
Packaging:	Tray

General Information	
Series:	ALS81
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Mounting:	Stud
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	220 g
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737
Shelf Life:	156 Weeks

Specifications	
Capacitance:	1,200 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage At 105C)
Resistance:	189 mOhms (100Hz 20C), 141 mOhms (10kHz 20C)
Ripple Current:	5.7 Amps (100Hz 105C), 10.8 Amps (10 kHz 105C)
Leakage Current:	1800 uA

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