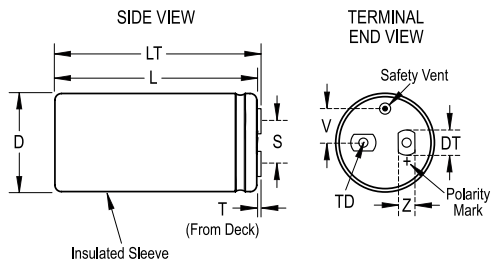


**KEMET Part Number: ALS80A272MF500**  
(A381PM272M500A)



ALS80, Aluminum Electrolytic, 2,700 uF, 20%, 500 VDC, -40/+105°C



Dimensions	
D	66mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

Packaging Specifications	
Sleeving:	Yes
Packaging:	Tray

General Information	
Series:	ALS80
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	505 g
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V10/2738
Shelf Life:	156 Weeks

Specifications	
Capacitance:	2,700 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C)
Resistance:	81 mOhms (100Hz 20C), 60 mOhms (10kHz 20C)
Ripple Current:	10.2 Amps (100Hz 105C), 18.2 Amps (10 kHz 105C)
Leakage Current:	4050 uA

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