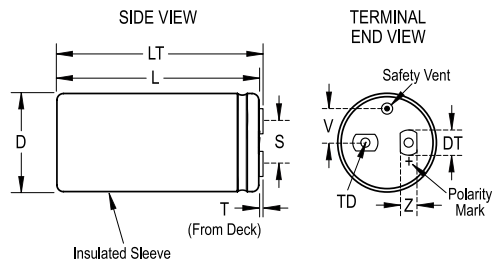


**KEMET Part Number: ALS80A272MF500**  
(A381PM272M500A)

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



General Information	
<b>Series:</b>	ALS80
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Screw Terminal, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Dimensions D And L Include Sleaving. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V10/2738

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

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

Packaging Specifications	
<b>Weight:</b>	505 g
<b>Sleaving:</b>	Yes
<b>Packaging:</b>	Tray

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