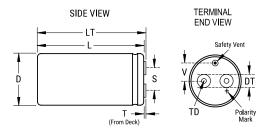
KEMET Part Number: ALS80A821DF500

(A381FM821M500A)



ALS80, Aluminum Electrolytic, 820 uF, 20%, 500 VDC, -40/+105°C



Dimensions	
D	36mm +/-1mm
L	105mm +/-2mm
Т	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	111.5mm +/-1mm
TD	10mm MIN
V	8mm 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:	140 g	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736	
Shelf Life:	156 Weeks	

Specifications		
Capacitance:	820 uF	
Capacitance Tolerance:	20%	
Voltage DC:	500 VDC, 550 VDC (Surge)	
Temperature Range:	-40/+105°C	
Rated Temperature:	105°C	
Life:	6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C)	
Resistance:	261 mOhms (100Hz 20C), 194 mOhms (10kHz 20C)	
Ripple Current:	4.1 Amps (100Hz 105C), 8.9 Amps (10 kHz 105C)	
Leakage Current:	1230 uA	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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