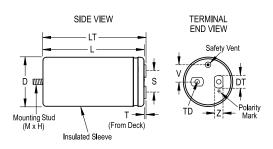
## KEMET Part Number: ALS31A102MF500

(A431PM102M500A)



## ALS31, Aluminum Electrolytic, 85C, 1,000 uF, 20%, 500 VDC, -40/+85C



General Information		
Supplier:	KEMET	
Series:	ALS31	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16	

Dimensions				
D	66mm +/-1mm			
L	105mm +/-2mm			
Т	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			

	110.5mm +/-1mm		
	10mm MIN		
	15.8mm NOM	1	Rip
	10mm NOM	]	Leaka
			Louin
		-	
ckaging	a Specifications		

Packaging Specifications		
Weight:	505 g	
Sleeving:	Yes	
Packaging:	Bulk, Box	

Specifications		
Capacitance:	1,000 uF	
Capacitance Tolerance:	20%	
Voltage DC:	500 VDC	
Temperature Range:	-40/+85C	
Rated Temperature:	85C	
Life:	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltgae At 85C)	
Resistance:	175 mOhms (100Hz 20C), 96 mOhms (10kHz 20C)	
Ripple Current:	8.1 Amps (100Hz 85C), 13.8 Amps (10kHz 85C)	
Leakage Current:	3000 uA (5min 20C)	

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.

