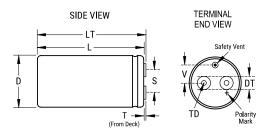
## **KEMET Part Number: ALS30G102ND500**



## ALS30, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+85°C



Dimensions	
D	77mm +/-1mm
L	75mm +/-2mm
Т	6.4mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	17mm +/-0.5mm
LT	Available On Request
TD	11.8mm MIN
V	19mm NOM

Packaging Specifications		
Sleeving:	Yes	
Packaging:	Bulk, Box	

General Information		
Series:	ALS30	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
AEC-Q200:	No	
Component Weight:	495 g	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11	
Shelf Life:	156 Weeks	

Specifications		
Capacitance:	1,000 uF	
Capacitance Tolerance:	20%	
Voltage DC:	500 VDC, 550 VDC (Surge)	
Temperature Range:	-40/+85°C	
Rated Temperature:	85°C	
Life:	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C)	
Resistance:	173 mOhms (100Hz 20C), 109 mOhms (10kHz 20C)	
Ripple Current:	7.6 Amps (100Hz 85C), 12.2 Amps (10kHz 85C)	
Leakage Current:	3000 uA (5min 20°C)	

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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