KEMET Part Number: ALS30A102MF500

(A331PM102M500A)

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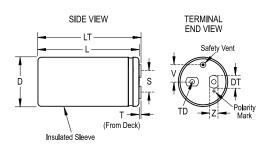
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ALS30, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+85°C



General Information		
Supplier:	KEMET	
Series:	ALS30	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
AEC-Q200:	No	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V10/UTE2738	
Shelf Life:	156 Weeks	

105mm +/-2mm Capacita		
105mm +/-2mm Capacita	Specific	
Capacita Capacita		
5.5mm +/-0.5mm		
28.5mm +/-0.5mm Capacitance Tolera		
13mm +/-0.5mm Voltage	2:	
110.5mm +/-1mm Temperature Ra	e:	
Rated Temperat	e:	
10mm MIN		
15.8mm NOM	Life:	
10mm NOM		
Resista	Resistance:	
Ripple Curr	t:	

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/+85°C	
Rated Temperature:	85°C	
Life:	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage 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 20°C)	

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