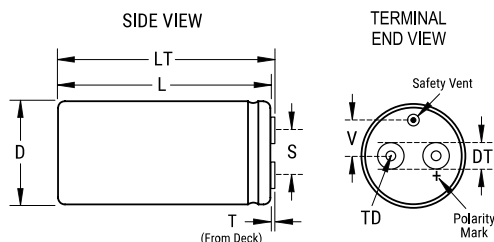


KEMET Part Number: ALS30A101DA500
(A331FB101N500A)

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ALS30, Aluminum Electrolytic, 100 uF, 20%, 500 VDC, -40/+85°C



General Information	
Series:	ALS30
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Component Weight:	75 g
Notes:	Dimensions D And L Include Sleaving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
Shelf Life:	156 Weeks

Dimensions	
D	36mm +/-1mm
L	52mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	58.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications	
Sleaving:	Yes
Packaging:	Bulk, Box

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC, 550 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
Resistance:	1385 mOhms (100Hz 20C), 847 mOhms (10kHz 20C)
Ripple Current:	1.6 Amps (100Hz 85C), 2.9 Amps (10kHz 85C)
Leakage Current:	300 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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