

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
Notes:	Dimensions D And L Include Slewing. 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

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)

Packaging Specifications

Weight:	75 g
Slewing:	Yes
Packaging:	Bulk, Box

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