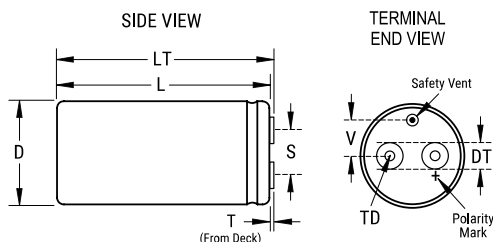


**KEMET Part Number: ALS70A102DF500**  
(A390FM102M500A)



ALS70, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+85°C



Dimensions	
D	36mm +/-1mm
L	105mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	111.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications	
Sleeving:	Yes
Packaging:	Tray

General Information	
Series:	ALS70
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	140 g
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
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:	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
Resistance:	252 mOhms (100Hz 20C), 190 mOhms (10kHz 20C)
Ripple Current:	4.8 Amps (100Hz 85C), 9 Amps (10kHz 85C)
Leakage Current:	3000 uA

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