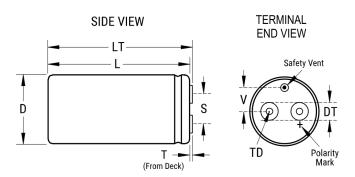


ALS70A102DF500

Aliases (A390FM102M500A)

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



General Information	on
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

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

Click here for the 3D model.		Capacitance	1,000 uF
		Capacitance Tolerance	20%
Dimensions		Voltage DC	500 VDC, 550 VDC (Surge)
D	36mm +/-1mm	Temperature Range	-40/+85°C
L	105mm +/-2mm	Rated	0500
Т	7.1mm +/-0.5mm	Temperature	85°C
S	12.8mm +/-0.5mm	Life	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
DT	8mm +/-0.5mm		,, , , , , , , , , , , , , , , , , , , ,
LT	111.5mm +/-1mm	Resistance	252 mOhms (100Hz 20C), 190 mOhms (10kHz 20C)
TD	10mm MIN	Ripple Current	4.8 Amps (100Hz 85C), 9 Amps (10kHz 85C)
V	8mm NOM	Leakage Current	3000 uA

Specifications

Packaging Specifications		
Sleeving	Yes	
Packaging	Tray	

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.