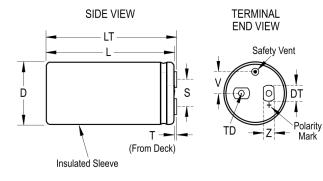


ALS30A102MF500

Aliases (A331PM102M500A)

ALS30, Aluminum Electrolytic, 1,000 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	505 g	
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V10/2738	
Shelf Life	156 Weeks	

Click here for the 3D model.

Dimensions	
D	66mm +/-1mm
L	105mm +/-2mm
т	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

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	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)

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Box

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