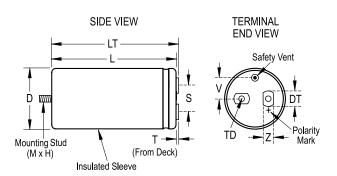


ALS33A392N5C500

Not for New Design

ALS33, Aluminum, Aluminum Electrolytic, 3,900 uF, 20%, 500 VDC, $-40/+85^{\circ}$ C, 31.8 mm



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Dimensions		
D	76.2mm +/-0.8mm	
L	130.2mm +/-1.6mm	
Т	5.5mm +/-0.5mm	
S	31.8mm +/-0.5mm	
DT	13mm +/-0.5mm	
LT	135mm +/-1mm	
TD	10mm MIN	
V	19mm NOM	
Z	10mm NOM	
Packaging Specifications		
Packaging	Bulk, Box	

General Information	
Series	ALS33
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Typical Component Weight	865 g
Notes	Add 0.4mm To D (1.1mm When D = 88.9) And 1.1mm To L For Sleeving. MS (MxH) = M12x16.

Specifications	
Capacitance	3,900 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage at 85C)
ESR	42 mOhms (120Hz 25C), 32 mOhms (20kHz 25C)
Ripple Current	16.9 Amps (120Hz 85C), 23.5 Amps (20kHz 85C)
Leakage Current	6000 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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