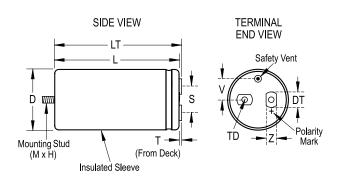




ALS31, Aluminum, Aluminum Electrolytic, 4,700 uF, 20%, 450 VDC, –40/  $\pm 85^{\circ}$  C, 31.8 mm



Click	horo	for	tha	3D	model.
CIICK	Here	101	uie	$^{\circ}$	model.

Dimensions			
D	77mm +/-1mm		
L	146mm +/-2mm		
Т	5.5mm +/-0.5mm		
S	31.8mm +/-0.5mm		
DT	13mm +/-0.5mm		
LT	150.5mm +/-1mm		
TD	10mm MIN		
V	19mm NOM		
Z	10mm NOM		
Packaging Specifications			
Sleeving	Yes		

Bulk, Box

Packaging

General Information	
Series	ALS31
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Typical Component Weight	960 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
Shelf Life	156 Weeks

Specifications			
Capacitance	4,700 uF		
Tolerance	20%		
Voltage DC	450 VDC, 495 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	36 mOhms (100Hz 20C), 26 mOhms (10kHz 20C)		
Ripple Current	17.1 Amps (100Hz 85C), 25.2 Amps (10kHz 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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