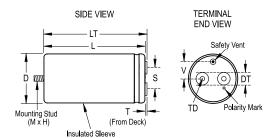
## **KEMET Part Number: ALS31C152ND400**



## ALS31, Aluminum Electrolytic, 1,500 uF, 20%, 400 VDC, -40/+85°C



General Information		
Series:	ALS31	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
AEC-Q200:	No	
Component Weight:	495 g	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.	
Shelf Life:	156 Weeks	

Dimensions		
D	77mm +/-1mm	
L	75mm +/-2mm	
Т	5.5mm +/-0.5mm	
S	31.8mm +/-0.5mm	
DT	13mm +/-0.5mm	
LT	Available On Request	
TD	10mm MIN	
V	19mm NOM	

Packaging Specifications		
Sleeving:	Yes	
Packaging:	Bulk, Box	

Specifications	
Capacitance:	1,500 uF
Capacitance Tolerance:	20%
Voltage DC:	400 VDC, 440 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)
Resistance:	97 mOhms (100Hz 20C), 70 mOhms (10kHz 20C)
Ripple Current:	8.3 Amps (100Hz 85C), 14.7 Amps (10kHz 85C)
Leakage Current:	3600 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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