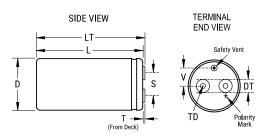
## KEMET Part Number: ALS40A331DF450



## ALS40, Aluminum Electrolytic, 330 uF, 20%, 450 VDC, -40/+105°C



General Information		
Series:	ALS40	
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

Packaging Specifications	
Sleeving:	Yes
Packaging:	Bulk, Box

Specifications		
Capacitance:	330 uF	
Capacitance Tolerance:	20%	
Voltage DC:	450 VDC, 495 VDC (Surge)	
Temperature Range:	-40/+105°C	
Rated Temperature:	105°C	
Life:	6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C)	
Resistance:	325 mOhms (100Hz 20C), 162 mOhms (10kHz 20C)	
Ripple Current:	3.2 Amps (100Hz 105C), 7.9 Amps (10kHz 105C)	
Leakage Current:	445.5 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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