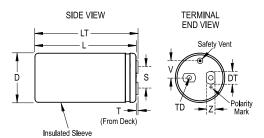
## **KEMET Part Number: ALS40A682NT415**



## ALS40, Aluminum Electrolytic, 6,800 uF, 20%, 415 VDC, -40/+105°C



Dimensions		
D	77mm +/-1mm	
L	220mm +/-2mm	
Т	5.5mm +/-0.5mm	
S	31.8mm +/-0.5mm	
DT	13mm +/-0.5mm	
LT	224.5mm +/-1mm	
TD	10mm MIN	
V	19mm NOM	
Z	10mm NOM	

Packaging Specifications		
Sleeving:	Yes	
Packaging:	Bulk, Box	

General Information		
Series:	ALS40	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
AEC-Q200:	No	
Halogen Free:	Yes	
Component Weight:	1.45 kg	
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11	
Shelf Life:	156 Weeks	

Specifications		
Capacitance:	6,800 uF	
Capacitance Tolerance:	20%	
Voltage DC:	415 VDC, 456.5 VDC (Surge)	
Temperature Range:	-40/+105°C	
Rated Temperature:	105°C	
Life:	9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C)	
Resistance:	21 mOhms (100Hz 20C), 14 mOhms (10kHz 20C)	
Ripple Current:	23 Amps (100Hz 105C), 32.5 Amps (10kHz 105C)	
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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