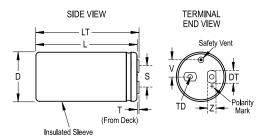
KEMET Part Number: ALS32A682Q5R450 Not for New Design

(A332UT682M450A)



ALS32, Aluminum Electrolytic, 6,800 uF, 20%, 450 VDC, -40/+85°C



Dimensions	
D	88.9mm +/-0.8mm
L	149.2mm +/-1.6mm
Т	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	154mm +/-1mm
TD	10mm MIN
V	25mm NOM
Z	10mm NOM

Packaging Specifications		
Weight:	1.36 kg	
Packaging:	Bulk, Box	

General Information		
Series:	ALS32	
Dielectric:	Aluminum Electrolytic	
Description:	Screw Terminal, Aluminum Electrolytic	
RoHS:	Yes	
AEC-Q200:	No	
Notes:	Add 0.4mm To D (1.1mm When D = 88.9) And 1.1mm To L For Sleeving. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V90	
Shelf Life:	156 Weeks	

Specifications		
Capacitance:	6,800 uF	
Capacitance 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)	
Resistance:	19 mOhms (120Hz 25C), 13 mOhms (20kHz 25C)	
Ripple Current:	24.6 Amps (120Hz 85C), 36.3 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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