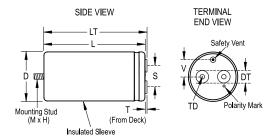
KEMET Part Number: ALS31A471DF450



Capacitor, aluminum, 470 uF, +/-20% Tol, -40/+85C, 450 VDC@85C



General Information		
Supplier:	KEMET	
Application:	General Purpose	
Part Type Description:	Screw Terminal Aluminum Electrolytic	
Style:	Screw Terminal	
Lead Type:	Threaded Inserts- M5	
Mounting Type:	Stud	
Weight:	140 g	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
D	36	+/-1
L	105	+/-2
LT	111.5	+/-1
S	12.8	+/-0.5
Т	7.14	+/-0.5
TD	10	MIN
DT	8	+/-0.5
V	8	NOM

Notes

-Dimensions D And L Include Sleeving

-MS (MxH) = M8x12

Specifications		
Capacitance:	470 uF	
Voltage:	450 VDC	
Tolerance:	+/-20%	
Rated Temperature:	85C	
Temperature Range:	-40/+85C	
Life:	11000 Hrs (Rated Voltage And Ripple Current At 85C)	
Life:	22000 Hrs (Rated Voltgae At 85C)	
Leakage Current:	1.269 mA	
Leakage Condition:	uAmps (5min 20C)	
Resistance/ESR:	235 mOhms (100Hz 20C)	
Resistance/ESR:	155 mOhms (10kHz 20C)	
Current/Ripple Current:	4 Amps (100Hz 85C)	
Current/Ripple Current:	8.4 Amps (10kHz 85C)	

Packaging Specifications		
Package Kind:	Bulk	

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