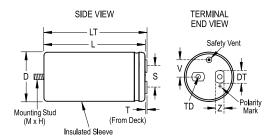
## **KEMET Part Number: ALS31A102KF450**



## Capacitor, aluminum, 1000 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:	Oval Threaded Inserts- M5
Mounting Type:	Stud
Weight:	300 g
RoHS:	Yes

Conoral Information

Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	51	+/-1	
L	105	+/-2	
LT	110.5	+/-1	
S	22.2	+/-0.5	
Т	5.5	+/-0.5	
TD	10	MIN	
DT	13	+/-0.5	
V	13.7	NOM	
Z	10	NOM	

Ν	01	te	S	
IN	U	ıC	5	۰

-Dimensions D And L Include Sleeving

-MS (MxH) = M12x16

Compoitones	1000 =	
Capacitance:	1000 uF	
Voltage:	450 VDC	
Tolerance:	+/-20%	
Rated Temperature:	85C	
Temperature Range:	-40/+85C	
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C)	
Life:	36000 Hrs (Rated Voltgae At 85C)	
Leakage Current:	2.7 mA	
Leakage Condition:	uAmps (5min 20C)	
Resistance/ESR:	118 mOhms (100Hz 20C)	
Resistance/ESR:	79 mOhms (10kHz 20C)	
Current/Ripple Current:	6.5 Amps (100Hz 85C)	
Current/Ripple Current:	12.6 Amps (10kHz 85C)	

Packaging Specifications	
Package Kind:	Bulk

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