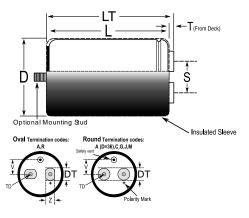
## **KEMET Part Number: ALS41A102KF400**

(A441LM102M400A)



## Capacitor, aluminum, 1000 uF, +/-20% Tol, -40/+105C, 400VDC@105° C



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	

N	ntn:	٠
- 1 \	ULES	١

-Dimensions D and L include sleeving

General Information		
Supplier:	KEMET	
Part Type Description:	Computer Grade Aluminum Electrolytic	
Style:	Computer Grade	
Lead Type:	Oval Threaded Inserts- M5	
Mounting Type:	Stud- M12x16	
Weight:	300 g	

Specifications		
Capacitance:	1000 uF	
Tolerance:	+/-20%	
Rated Temperature:	105° C	
Voltage @ rated temp:	400VDC	
VDC Surge:	440VDC	
Life @ rated temp:	7000 Hrs	
RoHS:	Yes	
Low Z/ESR:	Yes	
Temperature Range:	-40/+105C	
ESR at 100Hz @ room temp:	124 mOhm	
Leakage Current:	1.2 mA	
Leakage Condition:	5min/20c	
Impedance @ 10kHz:	81 mOhm	
Ripple 100Hz @ rated temp:	5.6 A	
Ripple 10kHz @ rated temp:	12.3 A	

Packaging Specifications		
Package Kind:	Bulk	

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.

