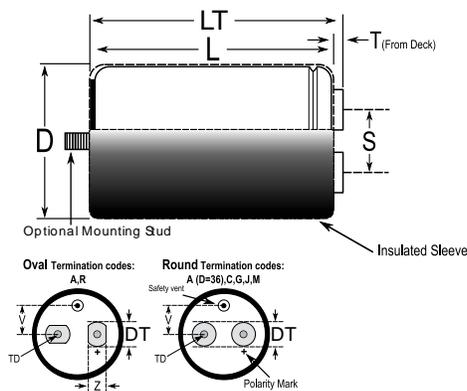


**KEMET Part Number: ALS41A102KF400**  
(A441LM102M400A)

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
T	5.5	+/-0.5
TD	10	MIN
DT	13	+/-0.5
V	13.7	NOM
Z	10	NOM

Notes:

-Dimensions D and L include sleeving

**General Information**

<b>Supplier:</b>	KEMET
<b>Part Type Description:</b>	Computer Grade Aluminum Electrolytic
<b>Style:</b>	Computer Grade
<b>Lead Type:</b>	Oval Threaded Inserts- M5
<b>Mounting Type:</b>	Stud- M12x16
<b>Weight:</b>	300 g

**Specifications**

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

**Packaging Specifications**

<b>Package Kind:</b>	Bulk
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