


**CUSTOMER:**
**CUSTOMER PN:**
**GPN:** E74D400LPN113UC79M

**DRAWING NO.:** 436831

**ELECTRICAL CRITERIA**

CAPACITANCE (120Hz/25°C): 11000  $\mu$ F  
 CAPACITANCE TOLERANCE: -10/+75 %  
 RATED V<sub>DC</sub>: 40 V  
 SURGE V<sub>DC</sub> (30 sec): 50 V  
 MAX. ESR (120Hz/25°C): 17 m $\Omega$   
 MAX. I<sub>RMS</sub> (120Hz/85°C): 16.8 A  
 MAX. DCL (V<sub>DC</sub>/5:00/25°C): 1.000 mA

**MECHANICAL CRITERIA**

MAX. VIBRATION: 10-55Hz 10g  
 TERMINAL THREAD: 10-32  
 THREAD DEPTH: 5.6 mm  
 MAX. TERMINAL TORQUE: 2 Nm  
 TYP. WEIGHT: 213 grams

**OPERATING CRITERIA**

MAX. TEMPERATURE: +105 °C  
 MIN. TEMPERATURE: -55 °C  
 LOAD LIFE (V<sub>DC</sub>/105°C): 2000 Hrs  
 MAX.  $\Delta$  CAP. (measured value):  $\pm$  20 %  
 MAX. ESR (specified value):  $\leq$  150 %  
 MAX. DCL (V<sub>DC</sub>/5:00/25°C): 1.000 mA  
 SHELF LIFE (85°C): 1000 Hrs  
 MAX.  $\Delta$  CAP. (measured value):  $\pm$  15 %  
 MAX. ESR (specified value):  $\leq$  130 %  
 MAX. DCL (V<sub>DC</sub>/5:00/25°C): 2.000 mA

**IRMS FREQUENCY MULTIPLIERS**

120Hz	400Hz	1kHz	5k-100kHz
0.90	0.95	0.98	1.00

**IRMS AMBIENT MULTIPLIERS**

25°C	45°C	65°C	85°C	105°C
2.00	1.70	1.40	1.00	0.50

**SPECIAL**

 RoHS Compliant
 

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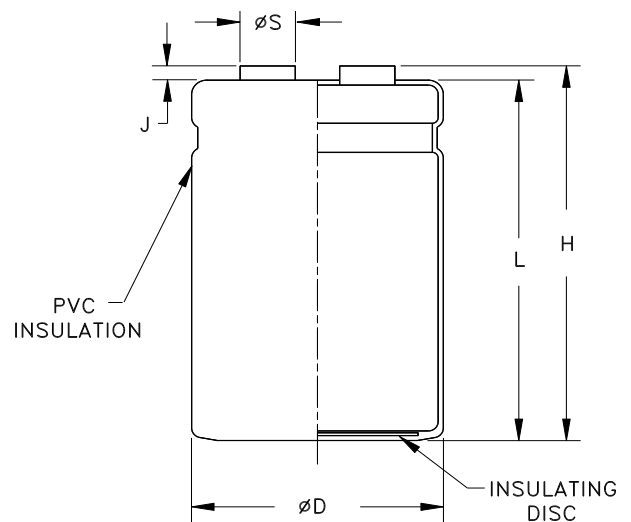
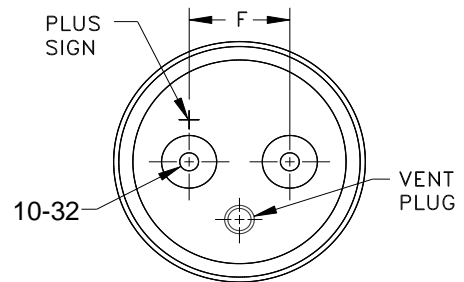
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**DIMENSIONAL CRITERIA**

	mm	X	in
$\varnothing$ D	2.000	- 0.040	+ 0.040
L	3.125	- 0.080	+ 0.080
H	3.188	- 0.080	+ 0.080
F	0.875	- 0.016	+ 0.016
J	0.063	- 0.040	+ 0.040
$\varnothing$ S	0.313	- 0.010	+ 0.010

**MARKING**

  
 747D 105°C  
 11000uF 40V  
 Date Code  
 + positive



TDS NO.: TDS-11-0040-02  
 AUTHOR: TMASH  
 DATE: 04-JAN-2017

# Mouser Electronics

Authorized Distributor

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[E74D400LPN113UC79M](#) [747D812M035AA2B](#) [747D383M016AB2A](#) [747D223M045BC2A](#) [747D233M025AB2AEA](#)