



**CUSTOMER:**

**CUSTOMER PN:**

**UCC PN:** E74D350LPN482MA41M

**UCC MAXCIM NO.:** 86552

**ELECTRICAL CRITERIA**

CAPACITANCE (120Hz/25°C):	4800 $\mu$ F
CAPACITANCE TOLERANCE:	$\pm$ 20 %
RATED V <sub>DC</sub>	35 V
SURGE V <sub>DC</sub> (30 sec):	44 V
MAX. ESR (120Hz/25°C):	26.6 m $\Omega$
MAX. ESR (20-40kHz/25°C):	11.7 m $\Omega$
MAX. I <sub>RMS</sub> (120Hz/85°C):	6.7 A
MAX. I <sub>RMS</sub> (20-100kHz/85°C):	9.3 A
MAX. DCL (V <sub>DC</sub> /5:00/25°C):	1.640 mA

**MECHANICAL CRITERIA**

MAX. VIBRATION:	10-55Hz 10g
TERMINAL THREAD	10-32
THREAD DEPTH	5.6 mm
MAX. TERMINAL TORQUE:	2 Nm
TYP. WEIGHT:	43 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):	1.640 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):	3.280 mA

**I<sub>RMS</sub> FREQUENCY MULTIPLIERS**

<u>120Hz</u>	<u>400Hz</u>	<u>1kHz</u>	<u>5k-100kHz</u>
0.90	0.95	0.98	1.00

**I<sub>RMS</sub> AMBIENT MULTIPLIERS**

<u>25°C</u>	<u>45°C</u>	<u>65°C</u>	<u>85°C</u>	<u>105°C</u>
2.00	1.70	1.40	1.00	0.50

**SPECIAL**

RoHS compliant

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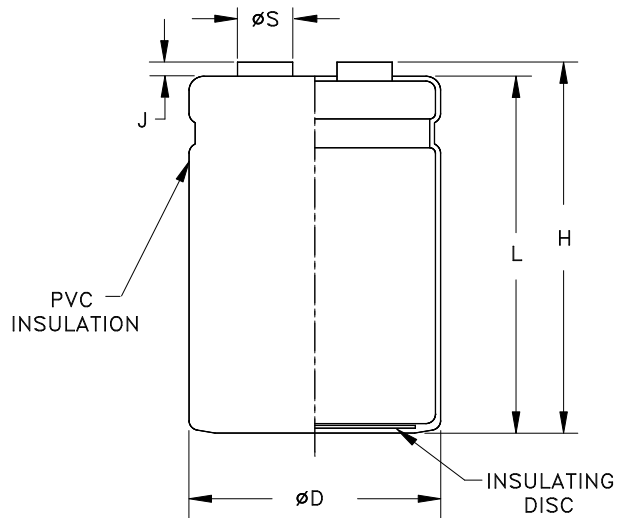
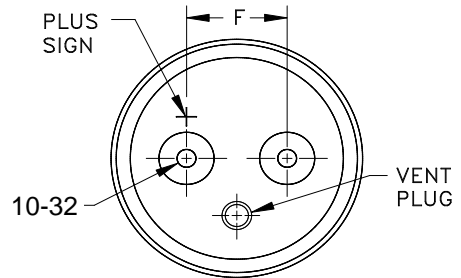
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DIMENSIONAL CRITERIA			
	mm	X in	
$\varnothing$ D	1.375	- 0.040	+ 0.040
L	1.625	- 0.080	+ 0.080
H	1.719	- 0.080	+ 0.080
F	0.500	- 0.016	+ 0.016
J	0.063	- 0.040	+ 0.040
$\varnothing$ S	0.313	- 0.010	+ 0.010

MARKING
 747D 105°C 4800uF 35V Date Code + positive



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