



CUSTOMER:

CUSTOMER PN:

UCC PN: E74D350LPN482MA41M

UCC MAXCIM NO.: 86552

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C):	4800 µF
CAPACITANCE TOLERANCE:	± 20 %
RATED V _{DC}	35 V
SURGE V _{DC} (30 sec):	44 V
MAX. ESR (120Hz/25°C):	26.6 mΩ
MAX. ESR (20-40kHz/25°C):	11.7 mΩ
MAX. I _{RMS} (120Hz/85°C):	6.7 A
MAX. I _{RMS} (20-100kHz/85°C):	9.3 A
MAX. DCL (V _{DC} /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 _{DC} /105°C):	2000 Hrs
MAX. Δ CAP. (measured value):	± 20 %
MAX. ESR (specified value):	≤ 150 %
MAX. DCL (V _{DC} /5:00/25°C):	1.640 mA
SHELF LIFE (85°C):	1000 Hrs
MAX. Δ CAP. (measured value):	± 15 %
MAX. ESR (specified value):	≤ 130 %
MAX. DCL (V _{DC} /5:00/25°C):	3.280 mA

I_{RMS} FREQUENCY MULTIPLIERS

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


I_{RMS} 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

DIMENSIONAL CRITERIA			
	mm	X in	
∅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
∅S	0.313	- 0.010	+ 0.010

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

