

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)

[EPS050250UPS-P5P-KH](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



PART NUMBER: EPS050250UPS-P5P-KH

DESCRIPTION: switching adapter

INPUT

rated input voltage	100 V ~ 240 V ac
input voltage range	90 V ~ 264 V ac
rated frequency	50~60 Hz
frequency range	47~63 Hz
rated input current	350 mA max.
inrush current	50 A max. (actual test result is 13.2 A)
no load power consumption	0.5 W max.

OUTPUT

output voltage	5 V dc at 2.5 A
output min. current	0 A
line regulation	±2% max.
load regulation	±5% max.
over voltage protection	9.1 V ±1 V
short circuit protection	auto recovery
ripple voltage	80 mV max. (at 20 MHz bandwidth with 22μF/50V capacitance and 104/50V ceramic capacitor)
efficiency	meets Energy Star / CEC Level IV

SAFETY & EMI

HI-POT	input to output	3000 V ac at 4 mA for 2 seconds
	input to case	3000 V ac at 4 mA for 2 seconds
insulation resistance	input to output	50MΩ at 500 V dc
safety approvals	UL60950-1 (first edition), CAN/CSA-C22.2 No.950-95	
EMI standard	FCC part 15 class B	
RoHS compliant	yes	

ENVIRONMENTAL

storage temperature	-20°C ~ +70° C
operating temperature	0°C ~ +40° C
storage humidity	10~95%
operating humidity	10~95%

RELIABILITY

MTBF	50000 hours at 25°C
burn-in	2 hours at 40°C and full load



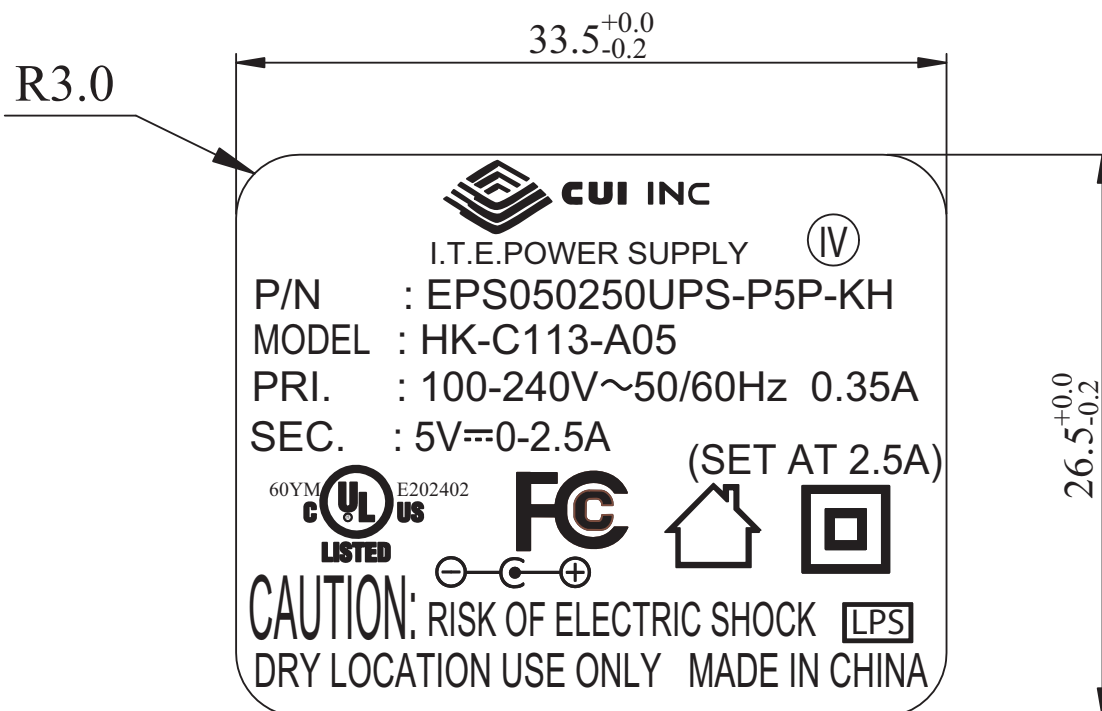
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date 06/2008

PART NUMBER: EPS050250UPS-P5P-KH

DESCRIPTION: switching adapter

LABEL

0.2mm NAME-PLATE:SILVER CHARACTERS BLACK BACKGROUND.





CUI INC

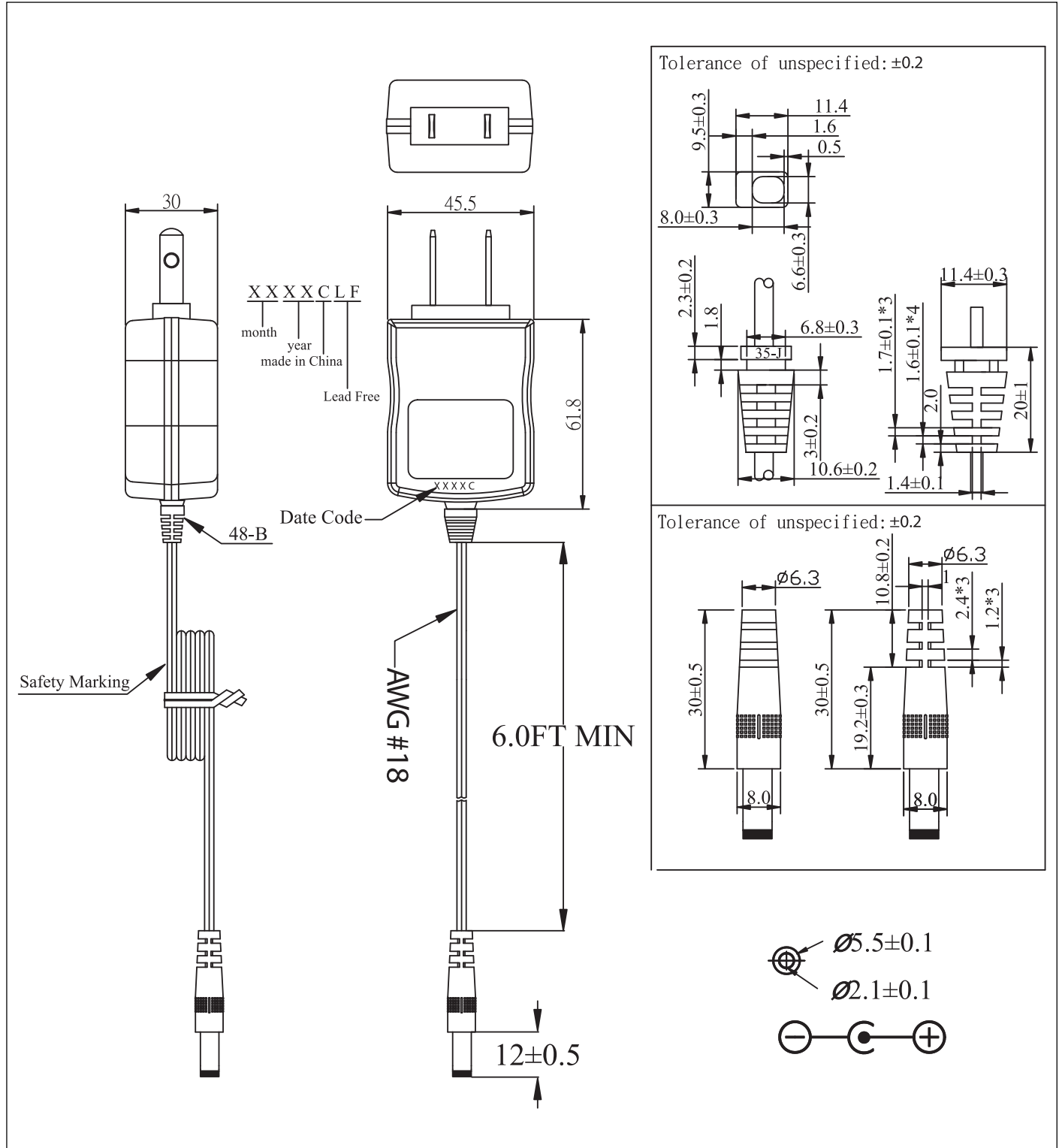
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date 06/2008

PART NUMBER: EPS050250UPS-P5P-KH

DESCRIPTION: switching adapter

MECHANICAL DRAWING





PART NUMBER: EPS050250UPS-P5P-KH

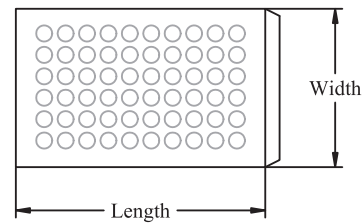
DESCRIPTION: switching adapter

INDIVIDUAL PACKAGING

BUBBLE BAG

Length : 150

Width : 120

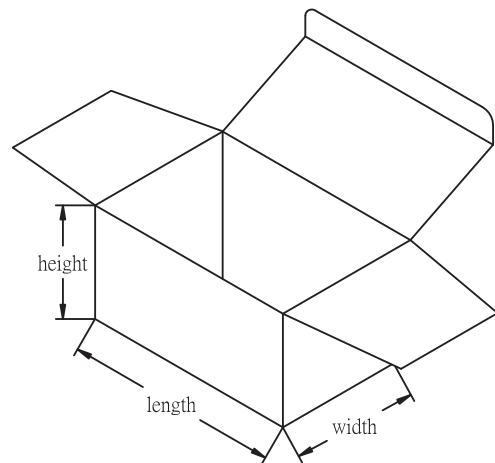


BOX

Length: 100

Width: 60

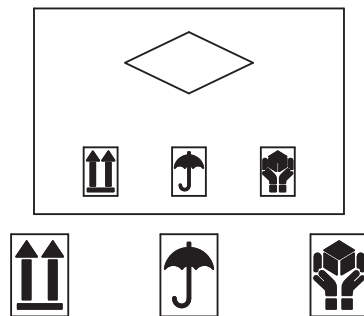
Height: 52



PART NUMBER: EPS050250UPS-P5P-KH

DESCRIPTION: switching adapter

PACKAGING



MODEL:

N.W.:

G.W.:

Q'TY: 100PCS

100V~120V
200V~240V
100V~240V

100V~120V
200V~240V
100V~240V

