

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)

[DTS050250SUDC-P5P-SZ](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Part No: DTS050250SUDC-P5P-SZ

Date: 4/06/2006

Description: switching power supply

Unit: mm

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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	300 mA RMS max.
Inrush current	30 A max. at 115 / 50 A max. at 230 V ac cool start

Output

Output voltage	5 V dc at 2.5 A
Output min. current	0 A
Line regulation	± 1%
Load regulation	± 5%
Over voltage protection	6.46 ~ 7.14 V dc max. (output shut down)
Short circuit protection	output shut down and auto restart
Ripple voltage	150 mV (p-p) (100~240 V ac at full load)
Efficiency	60% min.

Safety and EMI

HI-POT	input to output	3000 V ac or 4242 V dc at 10 mA for 1 min.
Insulation resistance	input to output	> 100 M Ohm at 500 V dc
Safety approvals	UL/cUL, S/GS, CE	
EMI standard	meets FCC class B. CE, VCCI-II	
RoHS compliant	yes	
Leakage current	0.25 mA	

Environmental

Storage temperature	-10°C ~ +70° C
Operating temperature	0°C ~ +40° C
Storage humidity	10~90%
Operating humidity	20~80%



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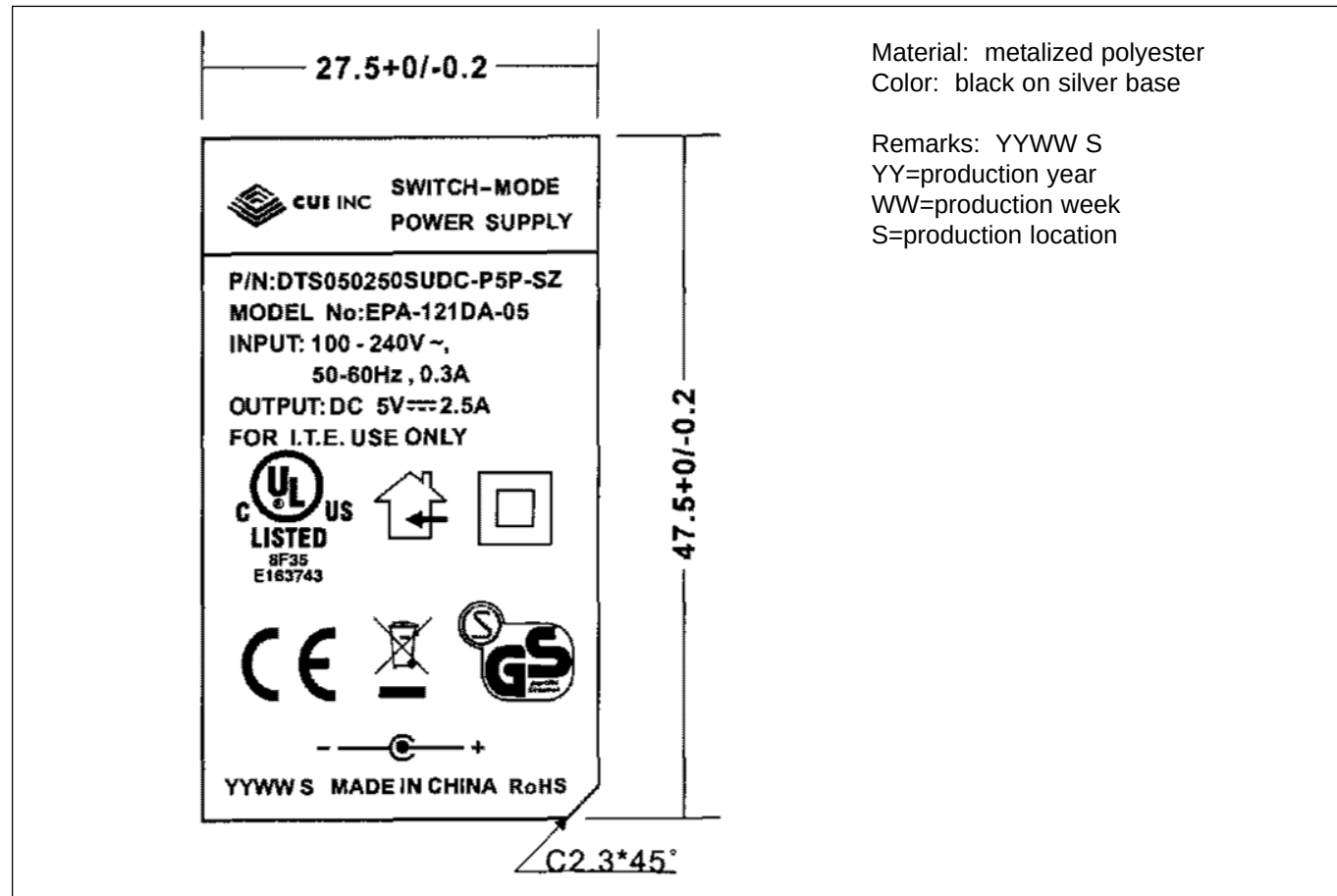
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Label





Part No: DTS050250SUDC-P5P-SZ

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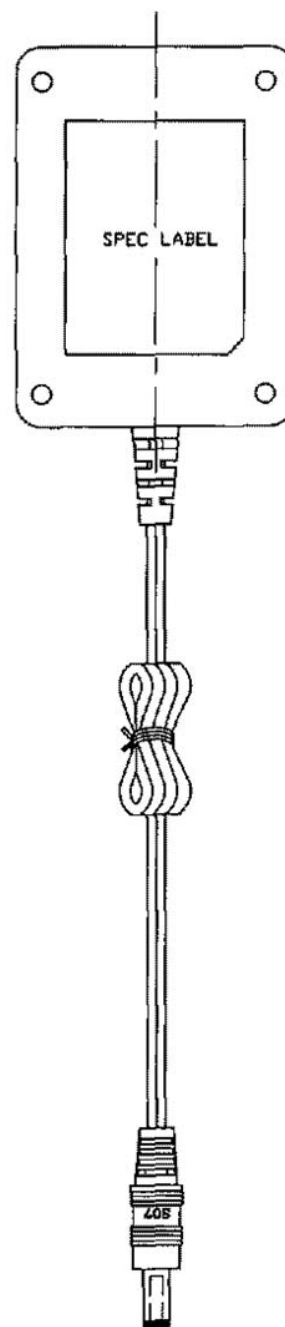
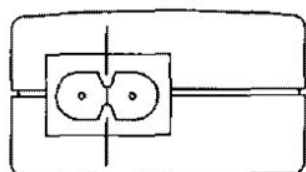
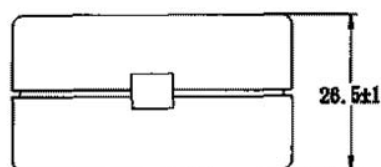
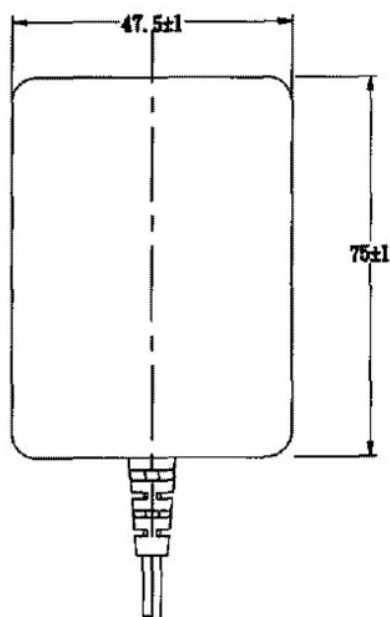
Unit: mm

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Mechanical Drawing

Tolerance: ± 1

Input plug	Inlet IEC320/C8-2 Type
Case size	75 L x 47.5 W x 26.5 H mm





CUI INC

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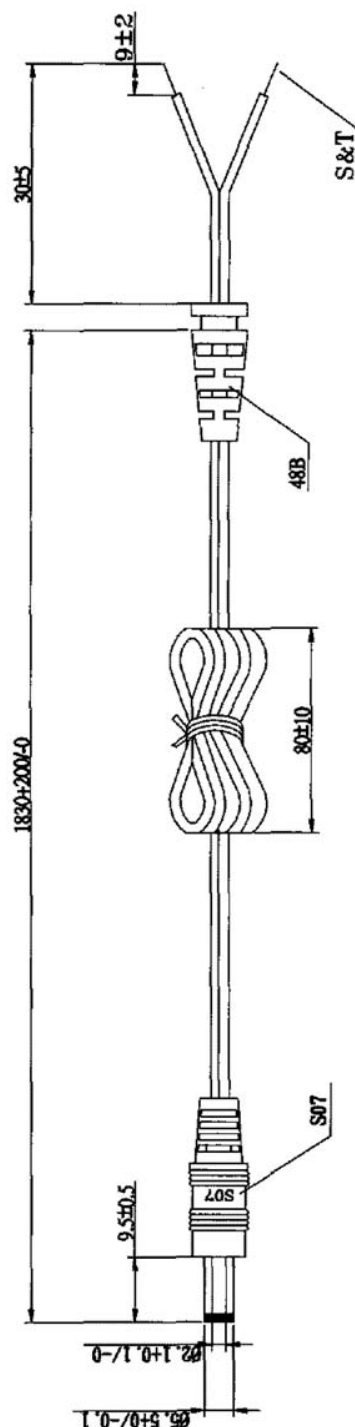
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DC Cord



#18AWG X2C SPT-1 60°C HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

OD: Ø2.7X5.4



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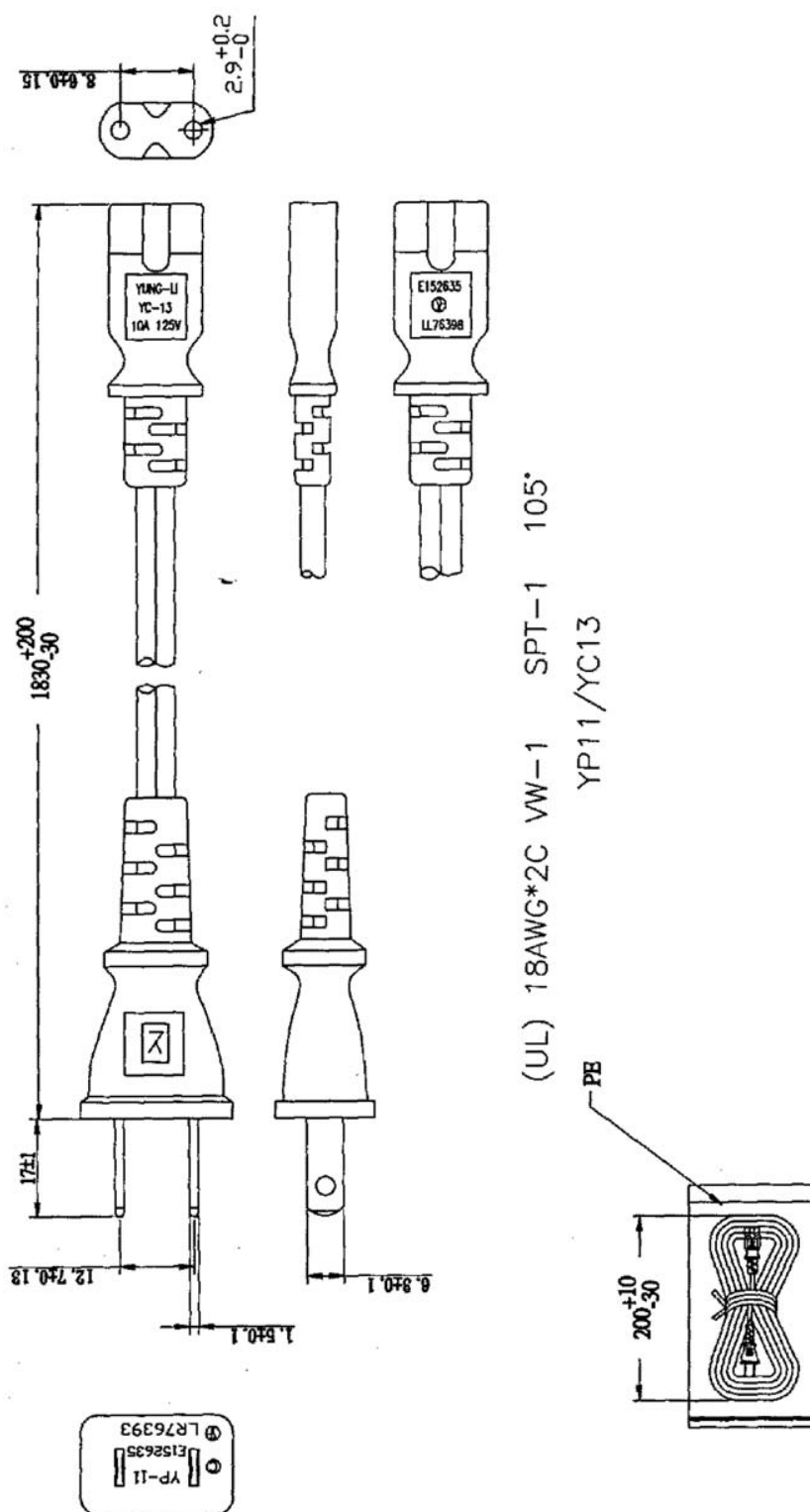
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AC Cord





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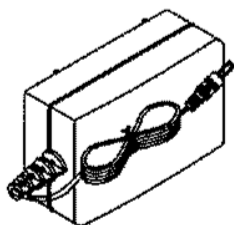
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Individual Packaging

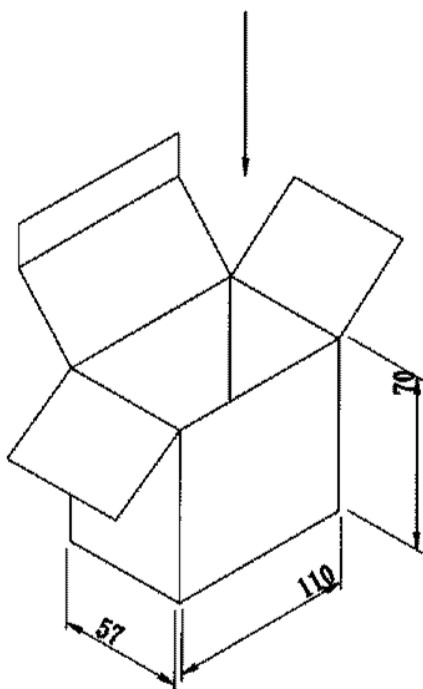
Tolerance: ± 1



AC CORD



product



"RoHS Compliant"



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Packaging

Tolerance: +7/-0

CARTON SIZE: 450*295*220mm

Q'TY: 60PCS(20*3)

"RoHS Compliant"

