

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[CUI Inc.](#)

[EPA240050-P5R-SZ](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



For more information, please visit the [product page](#).



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date 04/2008

PART NUMBER: EPA240050-P5R-SZ

DESCRIPTION: linear power supply



SPECIFICATIONS

output voltage	24 V ac at 500 mA	
rated input voltage	120 V ac	
primary rated voltage	120 V ac 60 Hz 18 W	
primary exciting current	30 mA rms max.	
secondary rated voltage & current	no load voltage (max.)	30.3 V
	no load power consumption (max.)	0.5 W
	full load voltage (500 mA)	24 V $\pm$ 5%
temperature rise of primary winding (full load)	70°C max. using resistance method	
insulation resistance	$\geq$ 100 M Ohm at 500 Vdc	
HI-POT test	primary to secondary	1240 V ac at 2 mA for 1 minute
	primary to secondary	1600 V ac at 2 mA for 1 second
	primary winding to secondary winding	1600 V ac at 2 mA for 1 second
	primary winding to core	1600 V ac at 2 mA for 1 second
	secondary winding to core	750 V ac at 2 mA for 1 second
safety standard	UL/cUL	
RoHS compliant	yes	
efficiency	meets Energy Star / CEC Level IV	
test conditions	ambient temp	40 $\pm$ 2°C
	humidity	90~95% 96 hours at Full Load
	rated voltage	8 hours at full load
adapter color	case	black
	cord	black

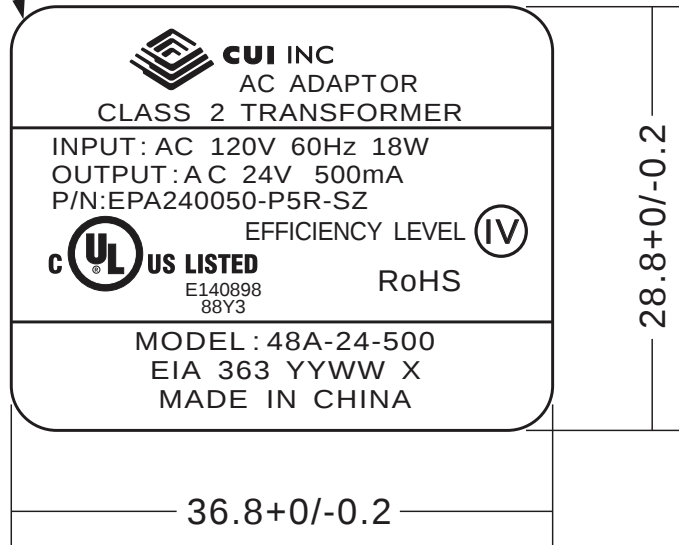


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LABEL

R3*4



material: pvc polyester
 color: black on silver base

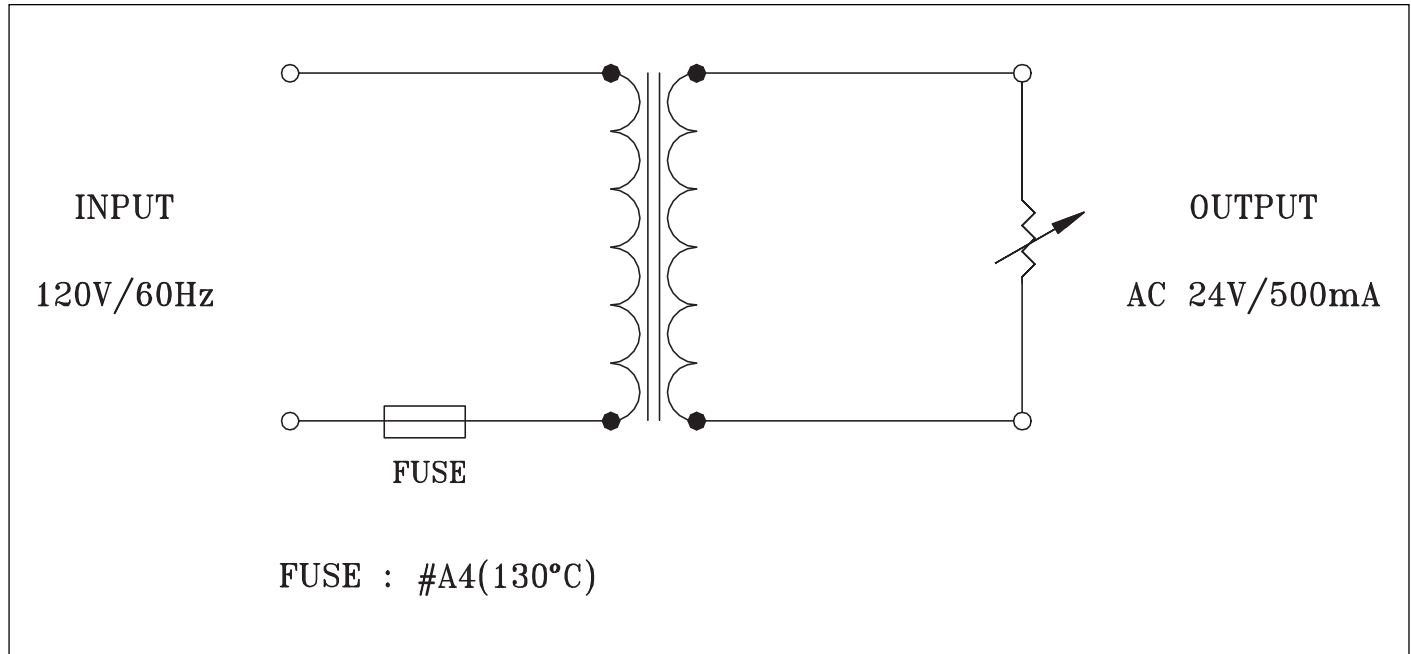
remarks: YYWW X
 YY=production year
 WW=production week
 X=production location



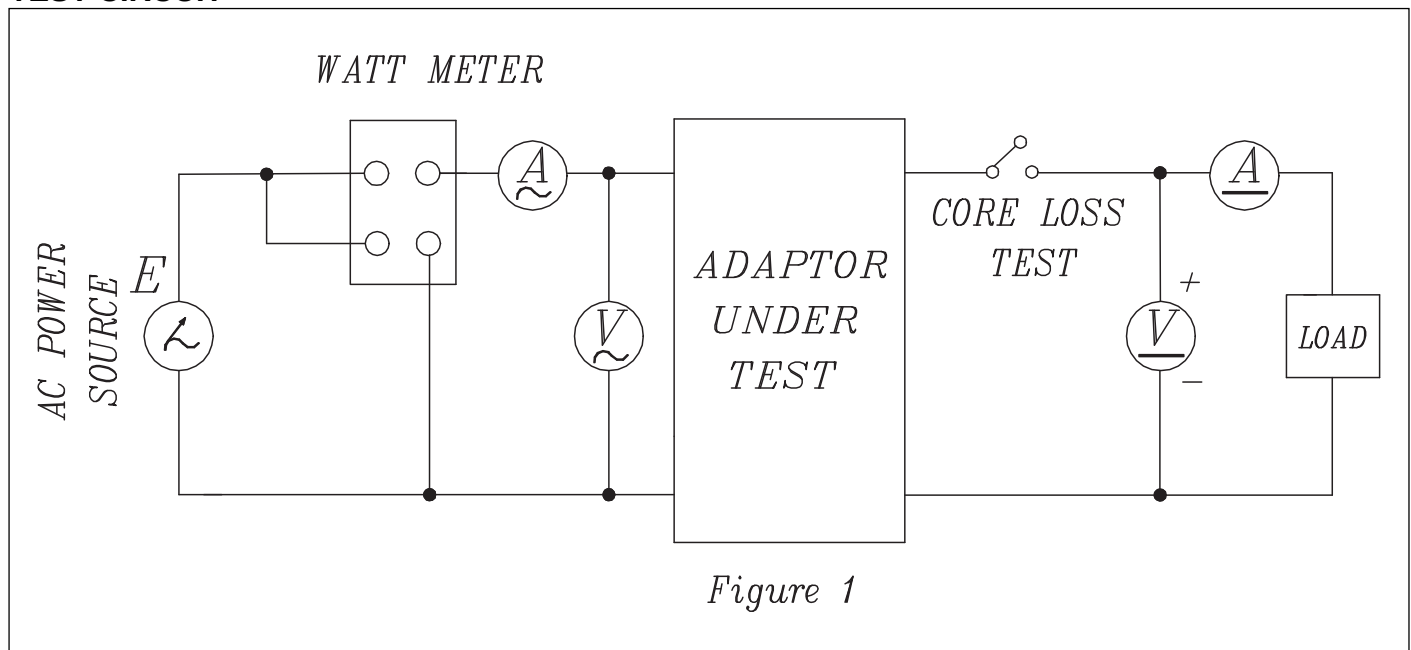
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CIRCUIT DIAGRAM



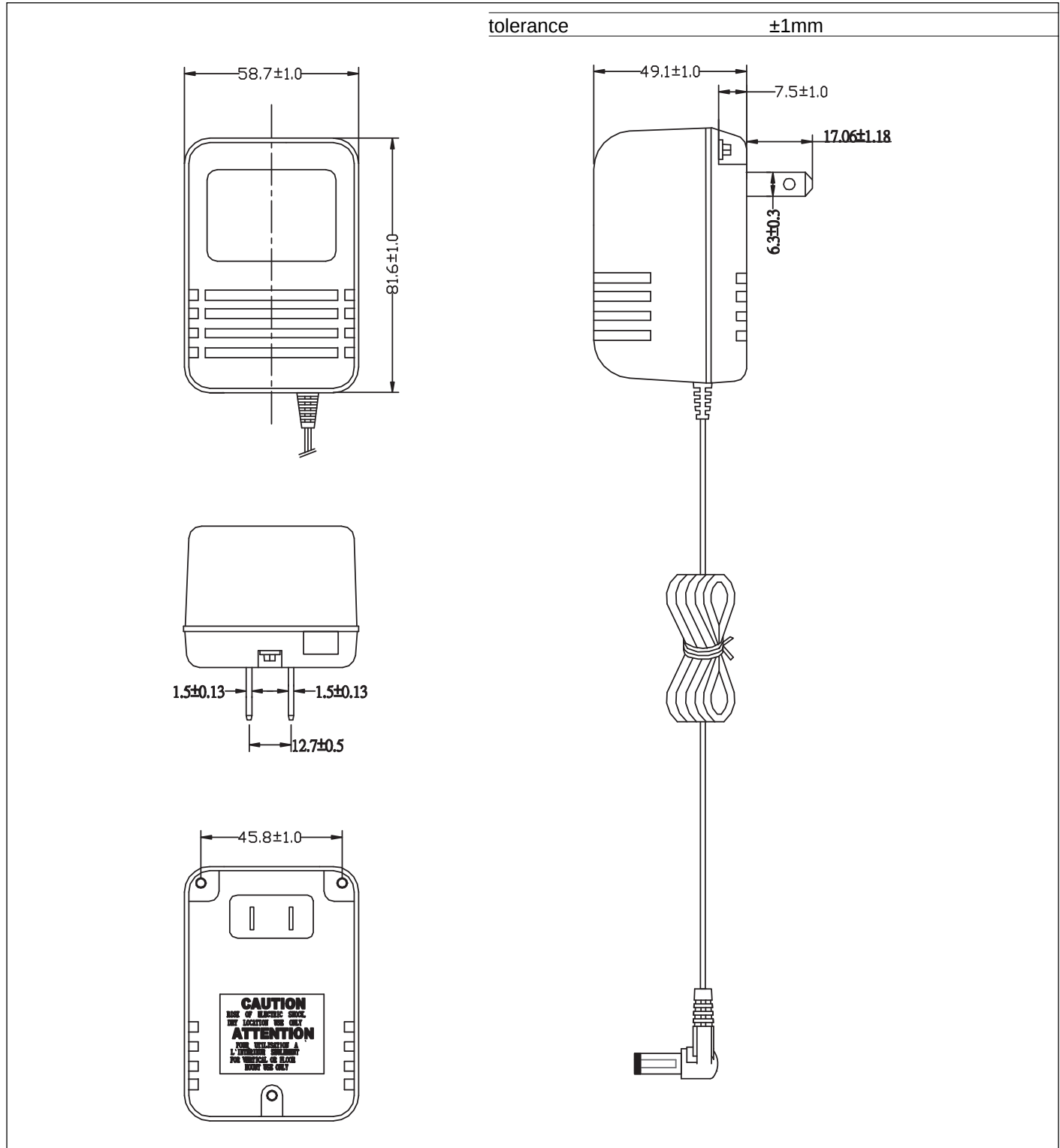
TEST CIRCUIT



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MECHANICAL DRAWING





CUI INC

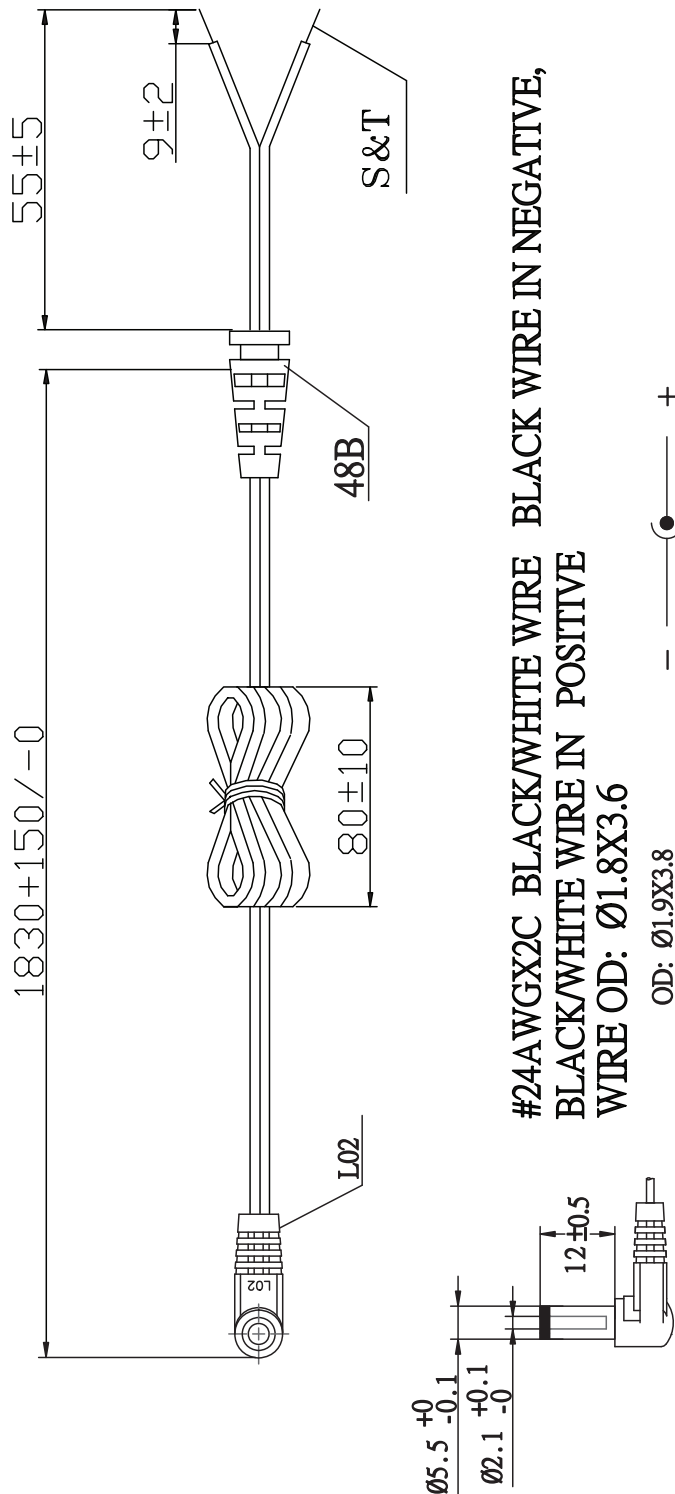
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PART NUMBER: EPA240050-P5R-SZ

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DC CORD



VIBRATION TEST	a. $\pm 60^\circ$
	b. WEIGHT 200g
	c. 40 ROUNDS/MINUTE
	d. OVER 1000 COUNT MIN

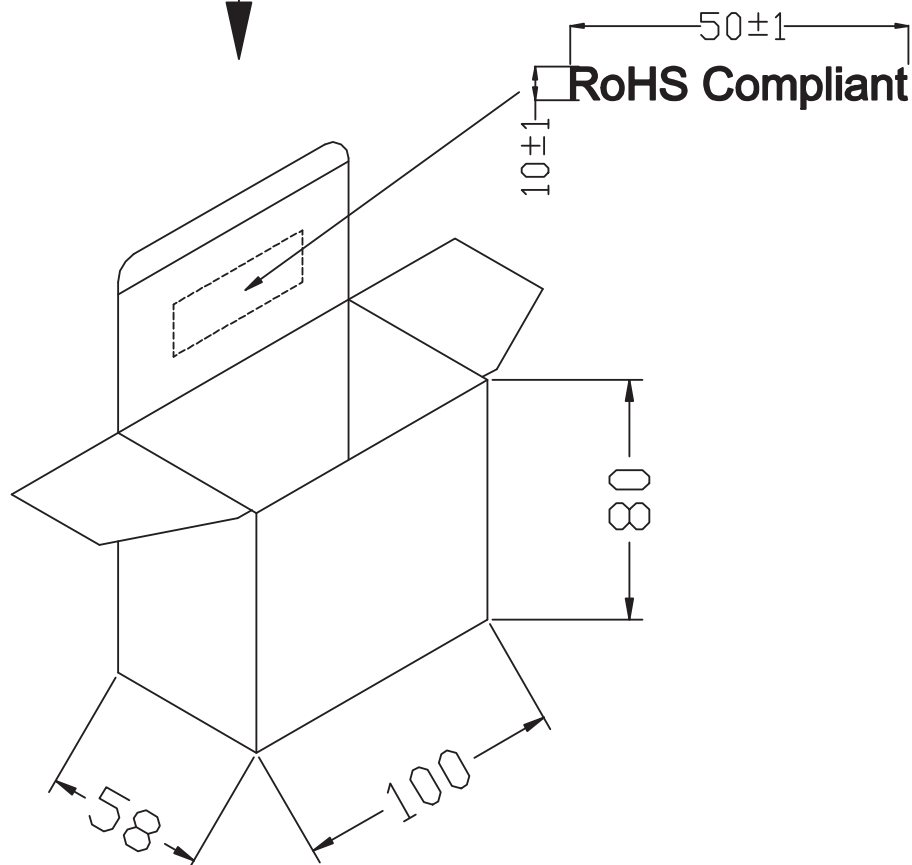
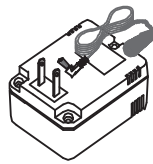


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INDIVIDUAL PACKAGING

tolerance: ± 1





PART NUMBER: EPA240050-P5R-SZ

DESCRIPTION: linear power supply

PACKAGING

tolerance: +7/-0

OUTSIDE CARTON:A=B(6mm)
 INSIDE CARTON:A-B(3mm)
 CARTON SIZE: 430x223x269mm
 Q'TY: 40pcs(10X4X1)
 N.W:16.8 KGS
 G.W:17.8 KGS
 N.W:18.8 KGS

