

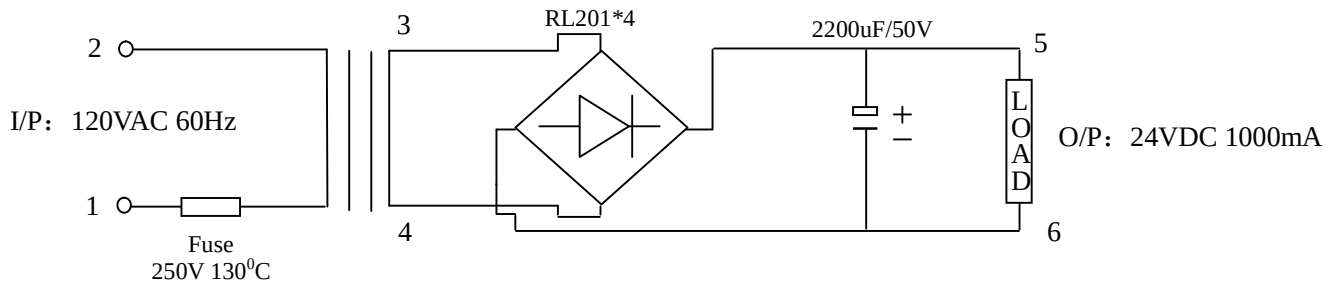
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1. ELECTRICAL PERFORMANCE:

1-1.Primary rated voltage and frequency: 120VAC 60Hz.

1-2.ELECTRICAL CHARACTERISTICS:



1-3. Secondary rated voltage and current:

TEST POINT	FULL LOAD RATED VOLTAGE	RATED CURRENT	VOLTAGE REGULATION	NO LOAD VOLTAGE
5~6	24VDC±5%	1000mA		31.7VDC±5%

1-4.Primary exciting current(I_o): 100mA rms max, at input 120VAC 60Hz

Loading(I_L): 480mA rms max.

1-5.D. C. Resistance: Primary: Ω ±15%, measured at 25°C

1-6.Empty loss max: 4 watts max, at input 120VAC 60Hz

1-7.Temperature rise: 85°C max on primary coil by the resistance method, and 50°C max on the surface of the case by the thermometer method at 25°C ambient, rated load condition.

1-8.Insulation resistance: 500VDC supplied, 100M ohms minimum between winding & core.

1-9.HI-pot test: 1250VAC 50Hz for 60Seconds (leakage current 1mA) primary to secondary&core.
600VAC 50Hz for 60Seconds (leakage current 1mA) secondary to core.

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1-10. Induce voltage: All secondary opened, primary should withstand 240V 360Hz for 60second without breakdown.

1-11. Life test: In an ambient temperature of 25°C , 90–95% R. H. , applying a power source of 120VAC 60Hz to primary, with full load 1000 mA for 24hours continuously, unit output normally and meet the requirements of item 1-8、1-9.

1-12. Humidity test: In an ambient temperature of $25\pm 2^{\circ}\text{C}$ and 90–95% R. H. . for 48 hours after 10 minutes out of the oven, the unit should meet item 1-9 requirements, and insulation Resistance shall be 10M ohms minimum.

2. MECHANICAL CHARACTERISTICS:

2-1. Drop test: Dropped freely from 3 feet height onto a concrete floor covered with 1/8 inch vinyl tile 3 times from 3 different surface, the unit should meet the item 1-9

2-2. Strain relief test: At normal position, 10 lbs to output cord for 60 secods each, there shall be no breakage displacement.

2-3. Bending test: The plug and S/R should withstand weight of 200 gram, swinging from left to right at an angle of 120 degree for 1000 cycles, and 40cycles per minute. The cord shall be conductible.

3. SAFETY STANDARD:

◆Meet

◇Approved

◆UL/CUL

◇CSA

◇TUV/CE

◇BSI/CE

◇T-MARK

◇CQC

◇CCC

4. INSULATION SYSTEM:

◇CLASS A (105°C)

◇CLASS E (120°C)

◆CLASS B (130°C)

◇CLASS F (155°C)

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5. MECHANICAL REQUIRMENTS:

5-1. Appearance: Damage and rusting are not permitted.

6. ENVIROMENTAL CONDITION:

6-1. Operating temperature range: -10°C ---- $+40^{\circ}\text{C}$

6-2. Storage temperature range: -20°C ---- $+80^{\circ}\text{C}$

6-3. Operation humidity range: 30---85% R. H

7. INSPECTION ON LINE/:

7-1. The test items for each produce

- ◆ Primary exciting current
- ◆ Core loss
- ◆ Output voltage
- ◆ Input current and power at rated load
- ◆ Foreign mass by shock
- ◆ Polarity of output plug
- ◆ Hi-pot test
- ◆ Apperance
- ◆ Ripple voltage

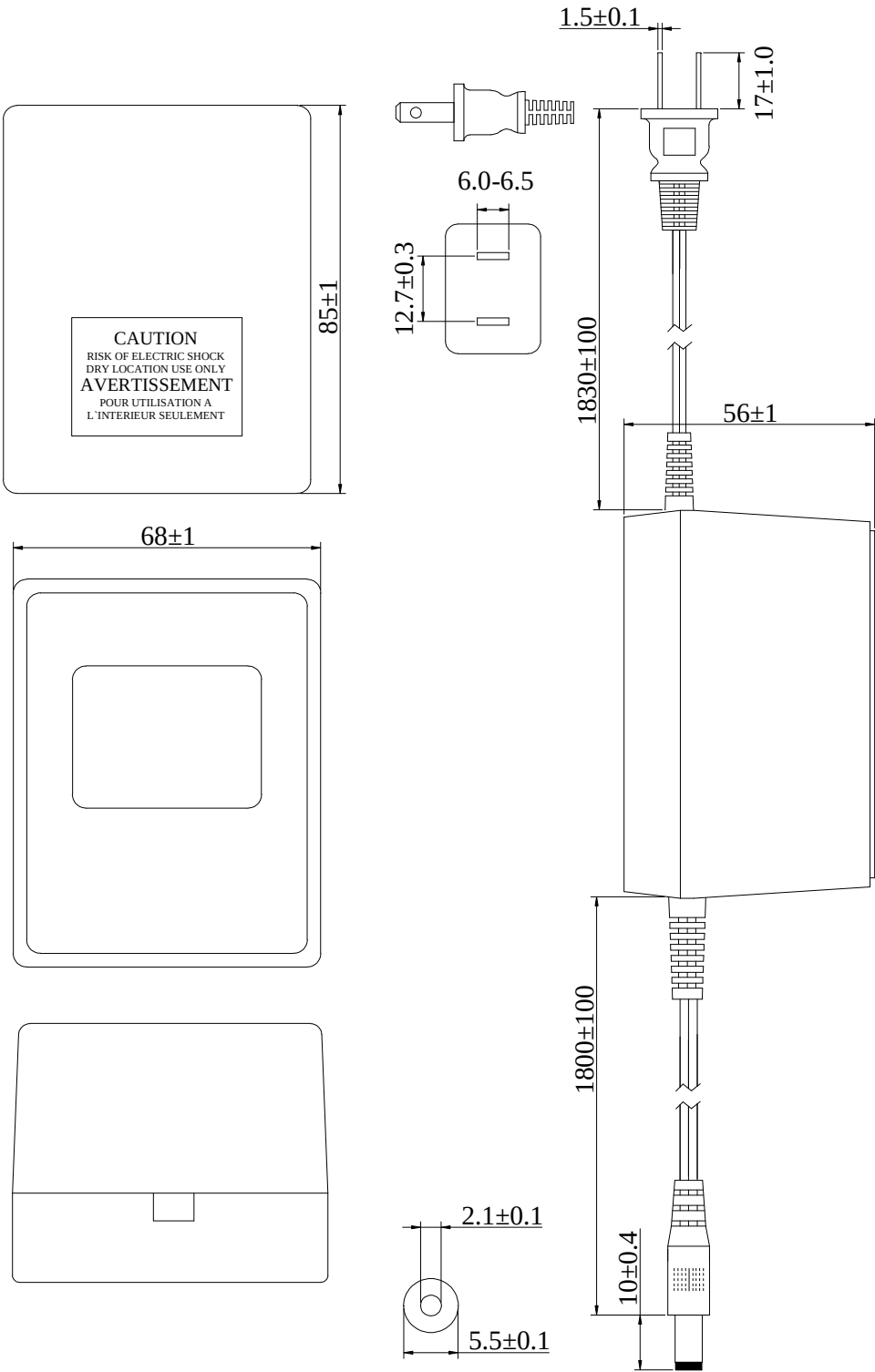
7-2. The test item for part of products:

- ◆ Hum operating at rated load
- ◆ D. C. Resistance
- ◆ Insulation test

8. NET WEIGHT/g

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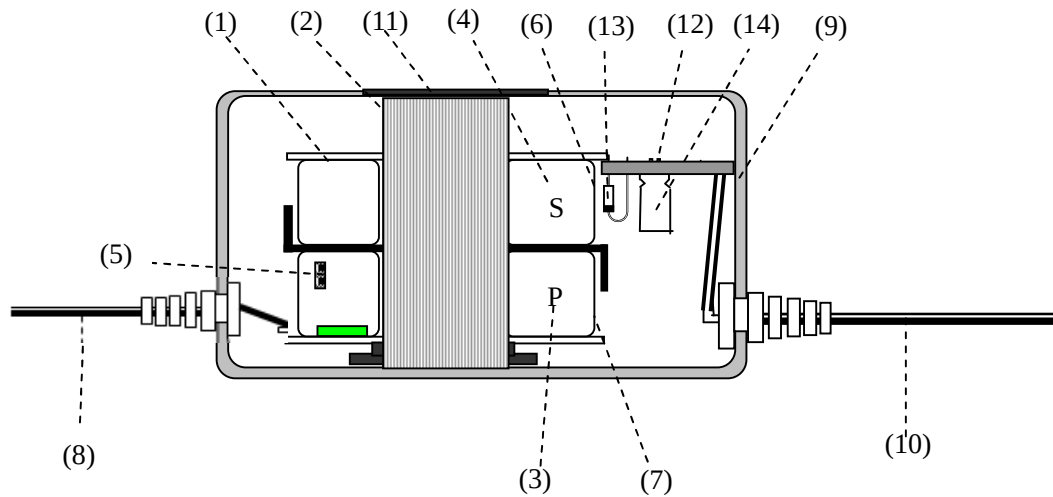
9.APPEARANCE DIMENSION: (UNIT: mm)



INPUT CORD: SPT-2 18AWG 1.83M UL 插头
OUTPUT CORD: UL2468#22AWG 线长 1.8m,
PLUG/DC: 5.5^{±0.05mm}*2.1^{±0.05mm}*10^{±0.3mm}
CENTER: “+”极

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10.MATERIAL LIST :



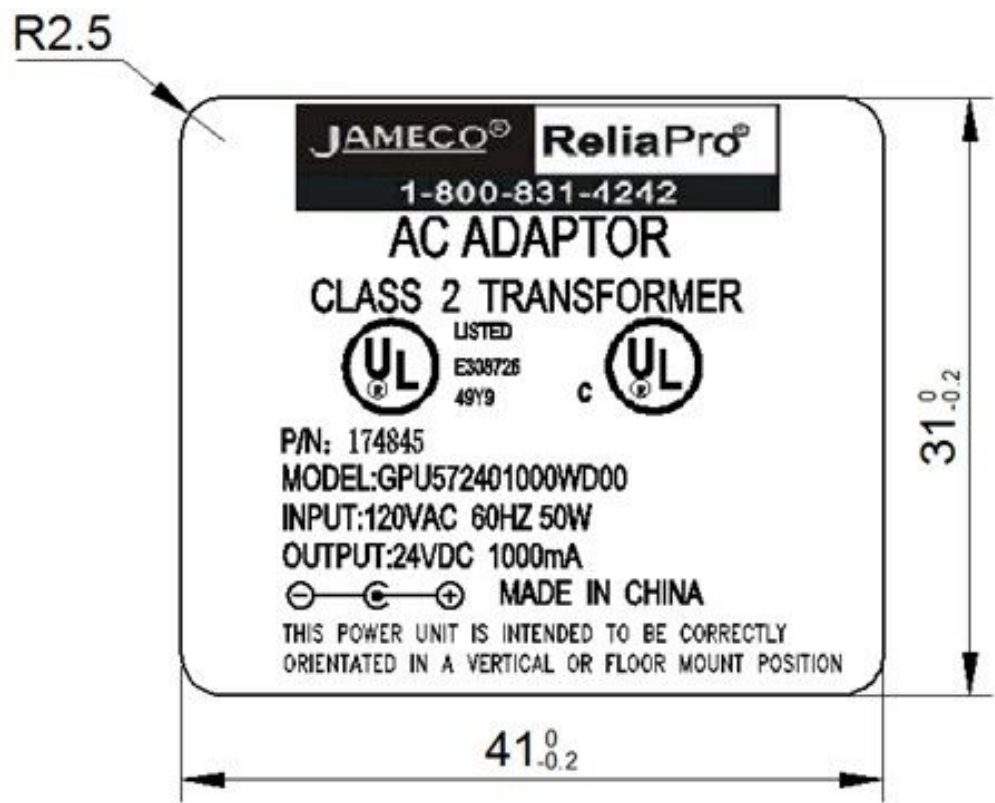
ITEM	PARTS NAME	MATERIAL&SPEC	Q' TY	MANUFATURER
1.	BOBBIN	PA66 THICK0.71mm MIN		E I DUPONT DE NEMOURS&CO INC (E41938M)
2.	CORE	E-I LAMINATED SILICON STEEL/E-I		BEST LEGEND HUI DINGS LTD.
3.	PRI. WINDING	2UEW MAGNET WIRE CLASS B		PACIFIC ELECTRIC WIRE & CABLE CO., LTD JUNG SHING WIRE CO., LTD E201757/E174837
4.	SEC. WINDING	2UEW MAGNET WIRE CLASS B		
5.	PROTECTION	THERMAL CUTOFF M33 130°C 250V		JOINT FORCE METAL RESEARCH & CO E142267
6.	SEC. OUTER INSULATION	MYLAR TAPE 0.025mm 0.025mm CLASS B		JING JIANG PRESSURE SENSITIVE CO., LID E165111(N)
7.	PRI. OUTER INSULATION	MYLAR TAPE 0.025mm 0.025mm CLASS B		
8.	INPUT CORD.	SPT-2 18AWG 1.83M	1pcs	
9.	ENCLOSURE	57#	1SET	E I DUPONT DE NEMOURS&CO INC OR OTHER EQUIVALENT.
10.	OUTPUT CORD	2468#22AWG		JUN XIANG ELECTRONIC CO., LTD. E205056/E205058/E204204/E154283
11.	NAMEPLATE	PVC (UL/CSA) OR ALUMINUM	0.27mm THICK MIN	JING XING PRINTING FACTORY MH45133
12.	RECTIFIER BOARD	P. C. BOARD (94-V0) 94-V0	1.60mm THICK	CHIH HSIEN ENTERPRISE CO., LTD. (E105119) OR EQUIVALENT.
13.	DIODE	SILICON RECTIFIERS RL201	4PCS	PAN JIT INTERNATIONAL INC. OR OTHER EQUIVALENT.
14.	CAPACITOR	ELECTROLYTI 2200uF 50V	1PCS	SHIANG CHEN ELECT. CO., LTD. OR OTHER EQUIVALENT.
NOTE	Varnish	VARNISH V-1630FS		VIKING ELECTRONIC CO., LTD E60614

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11.SAMPLE TEST DATA:									
ITEM			SPEC	SAMPLE					
				#1	#2	#3	#4	#5	#6
PRIMARY EXCITING CURRENT I/P: 120VAC 60Hz			100mA MAX	56	56				
PRIMARY FULL LOAD CURRENT I/P: 120VAC 60Hz			480mA MAX	270	271				
SECONDARY VOLTAGE NO LOAD(VO)			31.7VDC±5%	31.7	31.6				
SECONDARY VOLTAGE FULL LOAD: DC 1000mA			24VDC±5%	23.9	24.0				
Hi-pot test	PRI.TO SEC-CORE	AC 1250V/1mA/50Hz/60seconds	OK	OK					
	SEC.TO CORE	AC600V/1mA/50Hz/60seconds	OK	OK					
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12.NAMEPLATE DRAWING:

Unit: mm



NOTE:

- 1、PVC 0.27mm THICK MIN
- 2、银底黑字
- 3、自粘型
- 4、“*****” 表示生产周期，前两个 “**” 表示年份，后两个 “**” 表示月份

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