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Jameco Part Number 139096

# SPECIFICATION

CUSTOMER: JAMES

DATE: 10.08.01

MODEL NO: EHU240120

DESIGNED NO: A0830

## 1. APPLICABLE SAFETY STANDARD :

PSE    UL 1310    UL 1950    C-CUL    GS    CE    商檢

## 2. GENERAL APPEARANCE :

2.1 THE GENERAL APPEARANCE OF THE AC/DC ADAPTOR SHALL BE WITHOUT DEFORMATION, CRACKS OR CORROSION.

2.2 THE SHAPE, DIMENSIONS AND MARKINGS OF THE AC/DC ADAPTOR SHALL BE AS SPECIFIED IN THE CONSTRUCTION DRAWING AND NAME PLATE.

## 3. CHARACTERISTICS :

3.1 PRIMARY RATED VOLTAGE & LINE FREQUENCY : 120 VAC 60 Hz

3.2 PRIMARY EXCITING CURRENT (Io) 100 mA MAX. AT INPUT 120 VAC 60 Hz.

LOADING CURRENT (Ip) X mA MAX. AT INPUT X AC X Hz, LOAD X A.

3.3 NO - LOAD LOSS : X W MAX. AT INPUT X VAC X Hz.

3.4 SECONDARY RATED VOLTAGE AND CURRENT :

PRIMARY VOLTAGE	RATE VOLTAGE	TOLERANCE	RATED CURRENT	NO-LOAD VOLTAGE	REGULATION
120VAC 60Hz	24VDC	±5%	1200mA-DC		

3.5 RIPPLE VOLTAGE : X mV(r.m.s) MAX. AT INPUT X VAC X Hz, LOAD X A.

3.6 DC RESISTANCE : PRIMARY: X Ω [ X % MEASURED AT 25 °C .

3.7 HI-POT TEST : AC 1240 V 50/60Hz FOR 1 MINUTES BETWEEN INPUT TO OUTPUT PLUG AND CASE NEED NORMAL PERFORMANCE , LEAKAGE CURRENT 1 mA.

3.8 INSULATION RESISTANCE : 500 VDC 100 MΩ MIN. BETWEEN INPUT TO OUTPUT PLUG AND CASE.

3.9 TEMPERATURE RISE :INPUT 120 VAC 60 Hz, OUTPUT LOAD 1.2 A FOR INPUT COIL 75 °C MAX (BY USE RESISTANCE METHOD) ON CASE SURFACE X °C MAX (BY USE THERMOMETER METHOD) AT 25°C AMBIENT.

3.10 HUMIDITY TEST : TEMP. 40~2 °C, 90-95 % R.H FOR 4 HOURS , AFTER AT MINUTES TAKEN OUT FROM OVEN . AND WIPED DRY. TEST 3.4 、 3.7 AND INSULATION TEST 10 MΩ MIN.

## 4. MECHANICAL PERFORMANCE :

4.1 STRAIN-RELIEF TEST : 10 LB FOR 60 SEC. IN ANY DIRECTION .

4.2 DROP TEST : UNIT IS TO BE DROPPED FROM 3 FEET HIGH ONTO A CONCRETE FLOOR COVERED WITH 1/8 INCH VINYL TILE 3 TIMES, THE UNIT SHOULD MEET THE ITEM 3.7 、 3.8.

4.3 BENDING RELIEF TEST : THE CORD AND S/R SHALL WITHSTAND WEIGHT OFF 200 g, IT SWINGS FROM LEFT TO RIGHT AT AN ANGLE OF 120 deg , 300 CYCLE TIMES NIN.

4.4 VIBRATION RESISTANCE : PRODUCT PACKAGED IN A INTENDED MANNER SHALL DEVELOP NO MECHANICAL OR ELECTRICAL FAILURE WHEN SUBJECTED TO A 1.5 mm PEAK TO PEAK AMPLITUDE , 10-50-10 Hz , VIBRATION IN EACH OF X , Y AND Z DIRECTIONS FOR 30 MINUTES .

## 5. TEMPERATURE RANGE:

5.1 USE TEMPERATURE EXTENT : 0 °C ~ +40 °C

5.2 STORAGE TEMPERATURE EXTENT : -25 °C ~ +55 °C

APPROVED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ TESTED BY 李淑華

# ELECTRICAL DATA

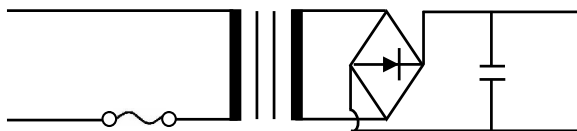
CUSTOMER: JAMES

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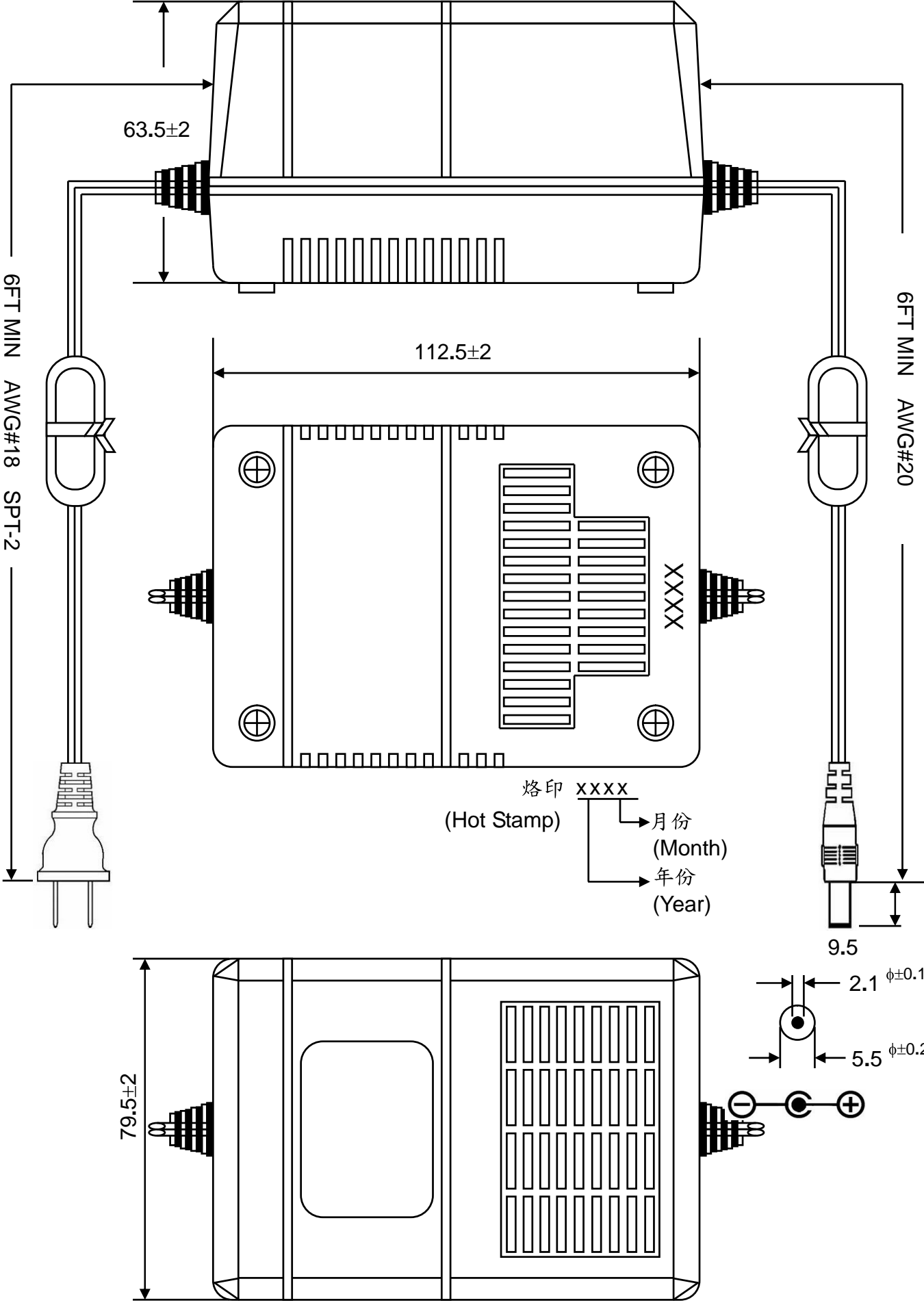
DESIGNED NO: A0830

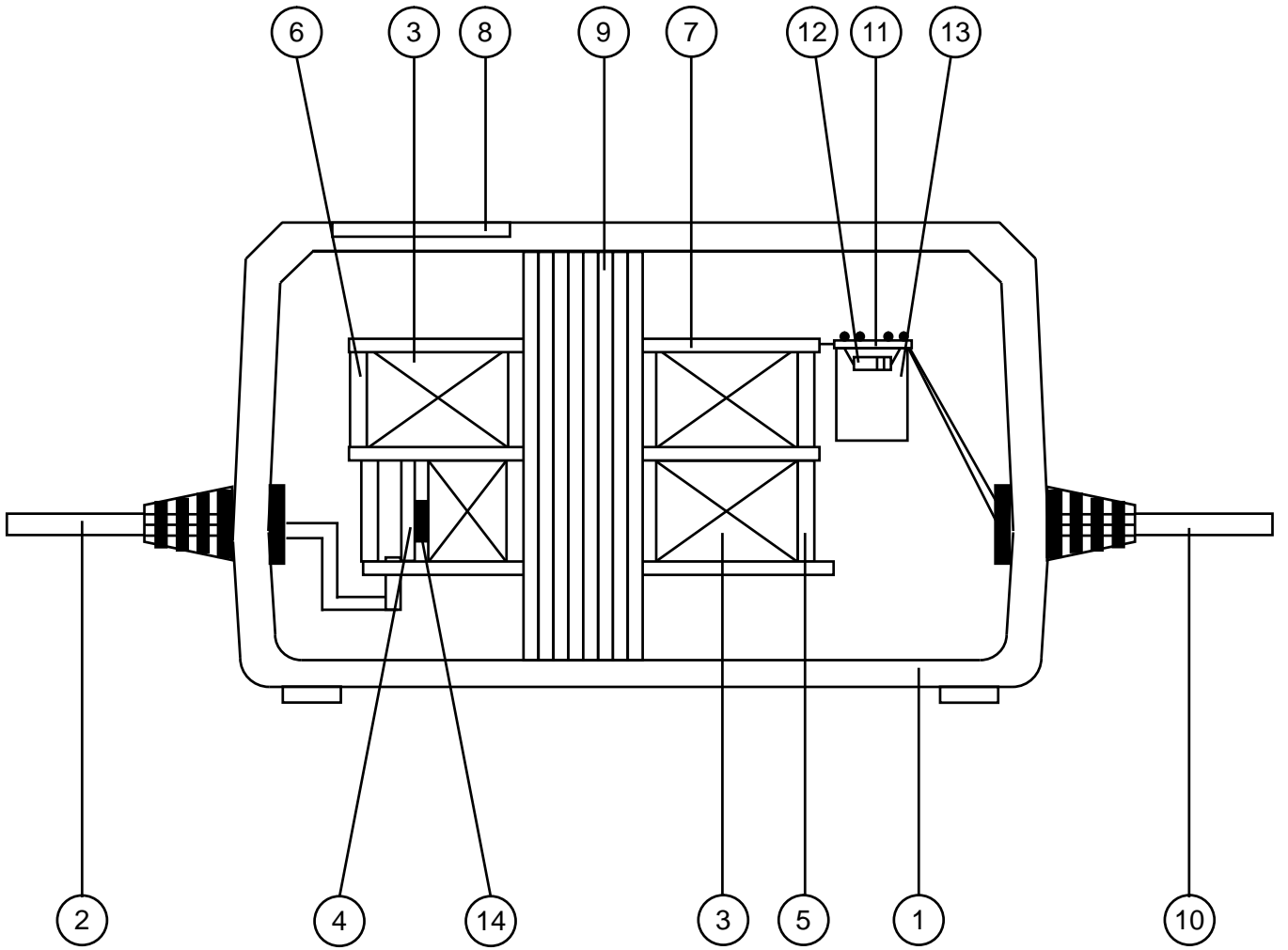
ITEM	SPEC.	SAMPLE									
		1	2	3	4	5	6	7	8	9	10
PRIMARY EXCITING CURRENT INPUT 120 V-AC 60 Hz	100 mA MAX.	58									
PRIMARY LOAD CURRENT INPUT 120 V-AC 60 Hz	mA	390									
SECONDARY #1 NO LOAD DC VOLTAGE		29.76									
SECONDARY #1 DC VOLTAGE LOAD 1200mA-DC	24V±5%	24.12									
TEMP RISE AFTER 4 HRS WARM UP IN 25 °C AMBIENT	75 °C MAX.	OK									
HI-POT TEST	PRI. TO SEC. & CORE AC 1240 V	OK									



APPROVED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ TESTED BY 李淑華

# 聯輝電機股份有限公司

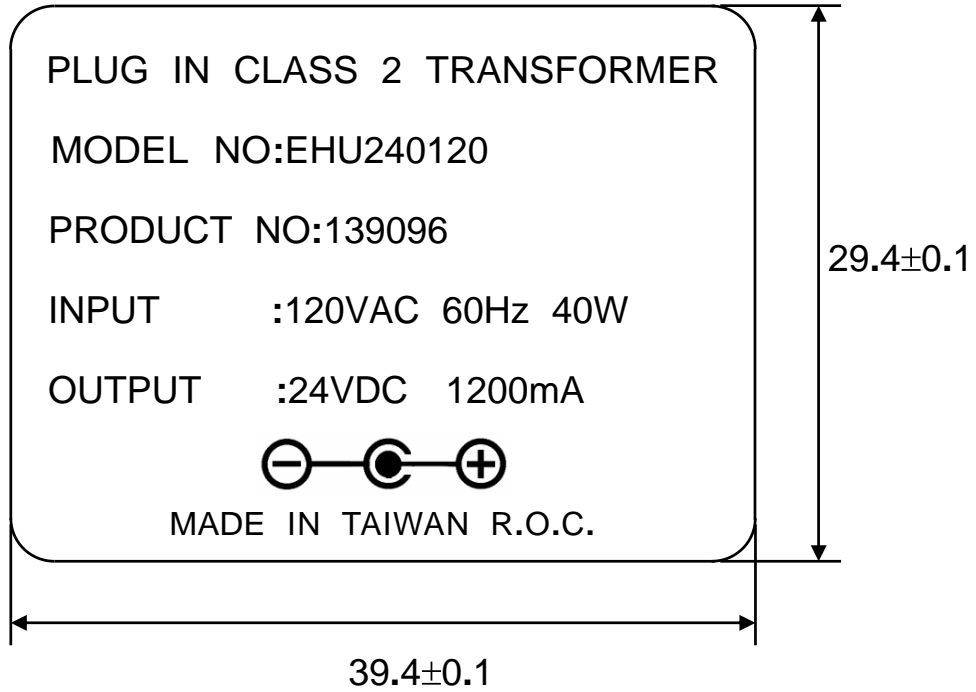




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No	DESCRIPTION	MATERIAL	SPEC. & Q'T	MANUFACTURE
1	Enclosure	Noryl SE100(E455587(B))		East Tung Jung Plastic Haroware Co., Ltd.
2	Input Cord	Flexible Cord(E171835)	AWG#18 SPT-2	Ming Sheng Enterprise Co., Ltd.
3	Enamelled Wire	Polyurethane Enameled Copper Wire(E85640(S))		Prosperity Wire And Cable Co., Ltd.
4	Insulation Between Primary Winding & Lead Connection	Polyester Film Tape	0.05mm(4T)	Chyun Yih Tape Co., Ltd. Jeou Uei Co., Ltd.
5	Primary Outerwarp	(1)Polyesteer Film Tape (E81174) (2)Press Board	0.025mm (2T)  0.25mm(1P)	Chyun Yih Tape Co., Ltd. Jeou Uei Co., Ltd. Abekawa Kogyo Co., Ltd.
6	Secondary Outerwarp	Polyesteer Film Tape (E81174)	0.025mm (2T)	Chyun Yih Tape Co., Ltd. Jeou Uei Co., Ltd.
7	Bobbin	Zytel 101 NY66 (E41938)		East Tung Jung Plastic Haroware Co., Ltd.
8	Nameplate	P.V.C (MH26173(N))	0.35mm	Koan Hao Enterprise Co., Ltd.
9	Core	Silicon Steel	0.5mm	Top Silicon Steel Corp.
10	Output Cord	Flexible Cord(E237881)	AWG#20 UL2468	Ming Sheng Enterprise Co., Ltd.
11	Rectifier Board	P.C.B.(E105119)	94V-0	Chen Hsien Enterprise Co.
12	Diodes	RL201		Master Instrument Corporation Shanghai Ltd.
13	Capacitor	2200uf/35V		Fuh Yin Electronics Co., Ltd.
14	Thermal Cutoff	M33 (E422267N)	130°C	Joint Force Metal Research & Co.

# 東聯興科技(深圳)有限公司



- 1.材質:PVC
- 2.厚度:0.35 +0.2/-0.1
- 3.印刷:銀底黑字

出圖章	名稱	銘牌	5					
	料號		4					
	發行日		3					
	核准	品保審核	製圖	2				
			李淑華	1				
			符號	日期	變更事項		修訂者	審核者
			單位:m/m	版次	1-0	圖號		