



CUSTOMER :	
DESCRIPTION :	AC ADAPTOR
MODEL NO. :	DP48-1201000
DAVID NO. :	C169-75
ISSUE DATE :	2010/04/08
ISSUE EDITON :	A1

FOR APPROVAL SHEET

1. According to our ISO-9002 system, We cannot process your P.O before you approve this specification by signing, stamping and returning the “Declaration of approval” Section of this page.

2. This document is property of System Connection Inc is prepared for the use of _____. Disclosure or distribution of part or whole of this document without the written permission of System Connection Inc is strictly prohibited.

The whole specification including this and the following pages have been carefully studied and accepted and approved by us with no query.

Page 2: Electrical Specification
Page 3: Mechanical drawing
Page 4: Construction Drawing
Page 5: Materials List
Page 6: Label specification
Page 7: Package
Page 8: Sample test report

Client's Declaration of Approval

Authorized Signature & Company

Name :

Title :

Date :

System Connection Inc.

441 EAST BAY BLVD. PROVO, UT 84606 USA

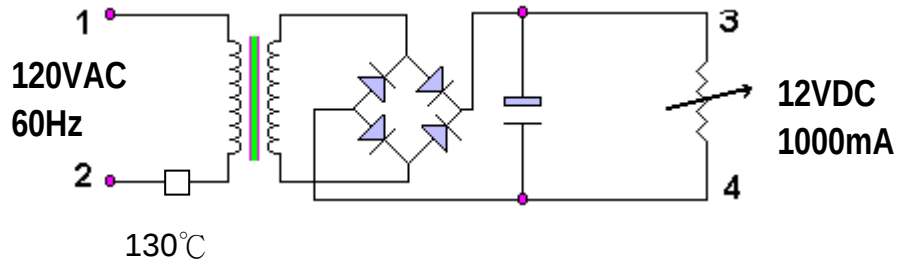
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1. Part: EI-48

2. Current Diagram:



3. Construction:

3.1 Surface: Damage. Rusting. Foam (Flow or Air) not Permitted.

3.2 Lead tension test: Lead must be withstand a pull 1.5 kg for 30 seconds.

4. Characteristics:

4.1 Primary rated voltage and frequency: 120 VAC 60 Hz

4.2 Secondary rating :with Tolerance ,At Input Voltage 120 VAC, 60 Hz

TEST POINT	Rated Voltage	Rated Current	Voltage Regulation	No Load Voltage
3-4	12VDC $\pm 5\%$	DC 1000mA		17.5VDC MAX

4.3 Exciting Current: Input Primary 120 V 60 Hz 80 mA MAX.(No Load)

4.4 Hi-Pot test: Apply 1500 VAC 3 mA 60 Seconds between the Primary to Secondary and between Primary to Core.

Apply 500 VAC , 3 mA 60 Seconds between Secondary to core. .

Insulation test: 500 V DC 100 M Ω min, between winding to winding and core.

4.5 Humidity test: Temp 25 $\pm$ 5 °C relative humidity 91~95 % RH for 6 hours. After Keeping 30 minutes following insulation must be larger than 5.0 M Ω .

4.6 Temperature test: Less than 75 °C for rated test with Resistance method.

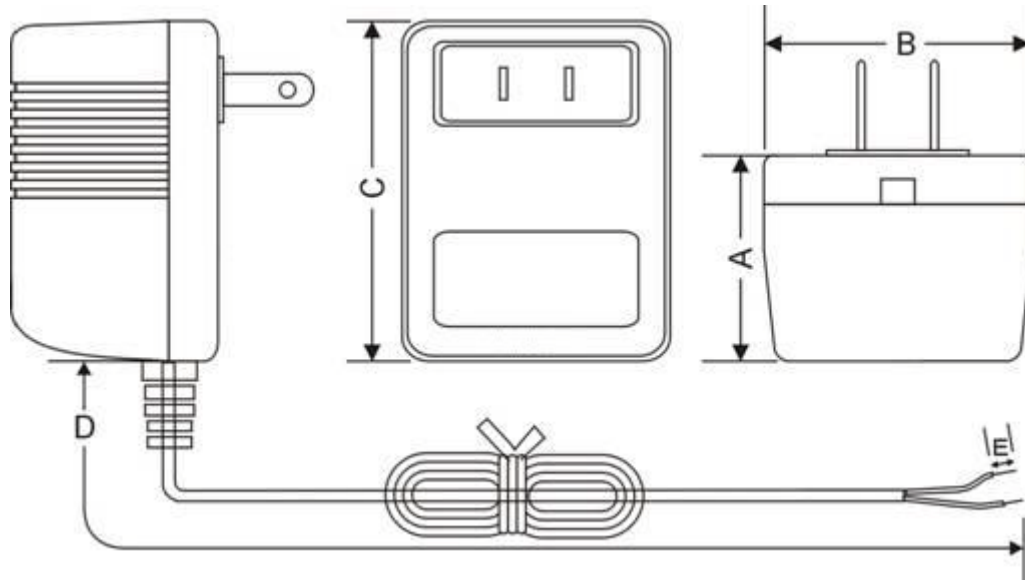
5. Adequate Standard: UL/CUL

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Enclosure Colour : Black
DC Cord Colour : Black



NOTE:

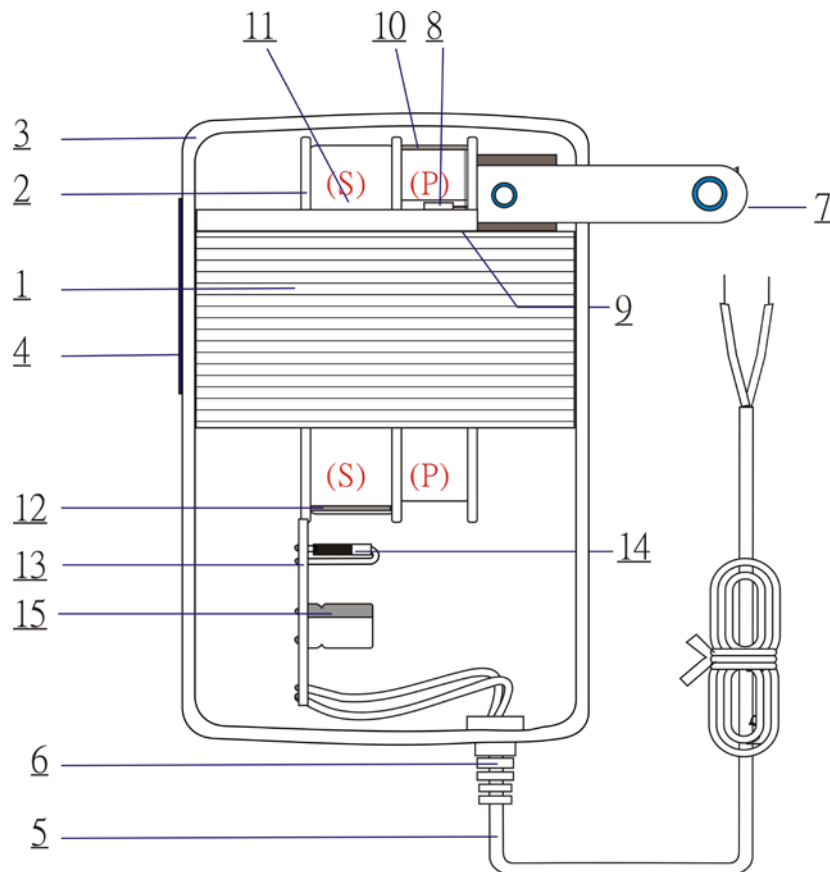
1. YY Provides Production Year.
2. MM Provides Production Month.

A	47.5±2	B	57.8±2	C	73.8±2	D	1800±100
E	10±0.5						

DRAWING NAME	CROSS-SECTION	System Connection Inc. 441 EAST BAY BLVD. PROVO, UT 84606 USA TEL: +001 801-765-9849
DRAWING NO.	A	
UNIT	mm	
SCALE		

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DRAWING NAME	CROSS-SECTION	System Connection Inc. 441 EAST BAY BLVD. PROVO, UT 84606 USA TEL: +001 801-765-9849
DRAWING NO.	B	
UNIT	mm	
SCALE		

System Connection Inc.

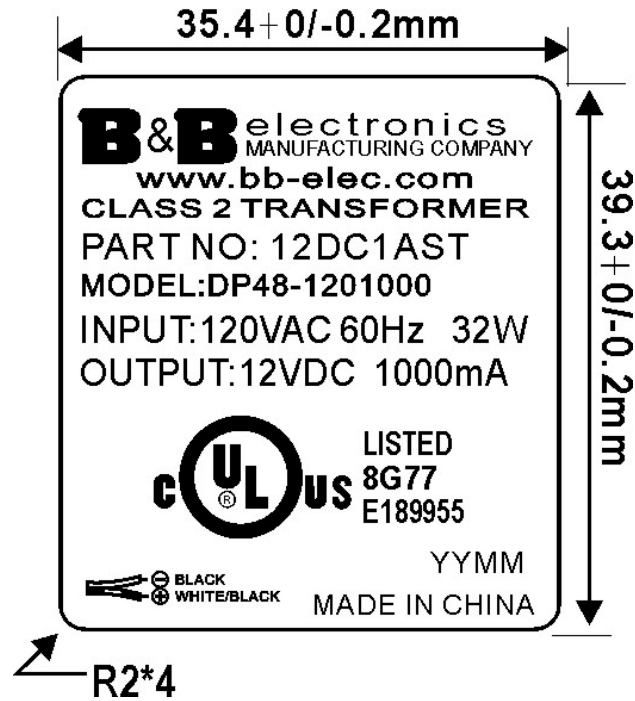
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NO	DESCRIPTION	MATERIAL	SPEC & Q'TY	MANUFACTURER
01	Core	Silicon Steel	<u> 2 </u> H50	SHEN ZHEN CHUN YUAN STEEL INC (CERTIFICATE No.: 99PC 100616) OR EQUIVALENT
02	Bobbin	N66	<u> 1 </u> PCS.	SON KON Plastic & METAL MANUFAC TURIN OR EQUIVALENT.
03	Enclosure	ABS or PPO	<u> 1 </u> SET.	As Item 2.
04	Nameplate	PVC (UL/CSA) 0.27mm Thick	<u> 1 </u> PCS.	Chi Yang Printing Mtg. OR EQUIV.
05	Output Cord	UL2468(UL/CSA) AWG22 Plug: S&T 10mm	<u> 1 </u> PCS.	TAHENG ELECTRONICS WIRE & CABLE CO., LTD. (E50032) OR EQUIVALENT
06	Strain Relief	PVC.	<u> 1 </u> PCS.	As Item 5.
07	Blade	Nickel plating Copper 1.45mm Thick	<u> 1 </u> PCS.	As Item 1.
08	Thermal Cutoff Fuse.	130°C 250V 2A	<u> 1 </u> PCS.	JOINT FORCE METAL RESEARCH & Co., LTD. (E142267) OR EQUIVALENT
09	The Primary Winding	Polyurethane Enameled Copper Wire		FENG CHING METAL CORP. (E172395) OR EQUIVALENT
10	The Primary Insulation.	Polyester Tape. Press Board	0.05mm <u> 2 </u> Turns.	KA SHING ENTERPRISE Co., LTD. OR EQUIVALENT
11	The Secondary Winding	Polyurethane Enameled Copper Wire.		As Item 9.
12	The Secondary Insulation	Polyester Tape.	0.05mm <u> 2 </u> Turns. 0.25mm <u> 1 </u> PCS.	As Item 10.
13	Rectifier Board.	P.C.B (94V-0)	<u> 1 </u> PCS	HUA SHENG ELECTRONICS Co., LTD. OR EQUIVALENT
14	Diode	1N5391	<u> 4 </u> PCS.	BYTESONIC CORPORATION OR EQUIVALENT
15	Capacitor.	2200μF/25V 85°C	<u> 1 </u> PCS.	TAY JYE ELECTRONICS FACTORY OR EQUIVALENT

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DRAWING NO.			
UNIT	mm		
DRAWING NAME			

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1. Material: P.V.C 0.27mm Thickness, UL/CSA certificate and fireproof.
2. Color: White Word and Black Under Plate.
3. UNIT : mm

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I T E M	S P E C	S A M P L E							
		1	2	3	4	5	6	7	8
PRIMARY EXCITING CURRENT I/P 120 VAC 60 Hz	90 mA MAX								
PRIMARY LOAD CURRENT I/P 120 VAC 60 Hz	mA MAX								
SECONDARY VOLTAGE NO LOAD :	DC 17.5 V MAX								
SECONDARY VOLTAGE LOAD : DC 1000 mA	DC 12 V ±5%								
PRIMARY EXCITING CURRENT I/P VAC Hz									
PRIMARY LOAD CURRENT I/P VAC Hz									
SECONDARY VOLTAGE NO LOAD :									
RIPPLE Vp-p									
HI-POT	PRI. TO SEC-CORE	AC 1500 V							
	SEC. TO CORE	AC 500 V							

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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