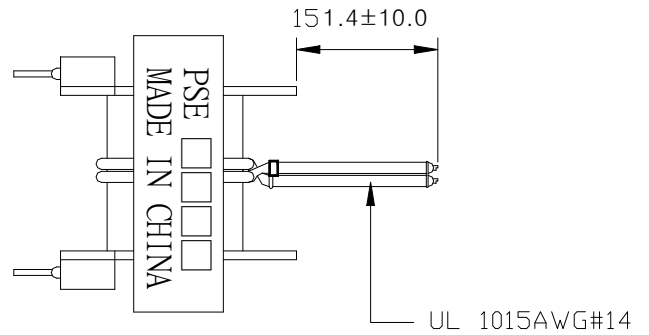
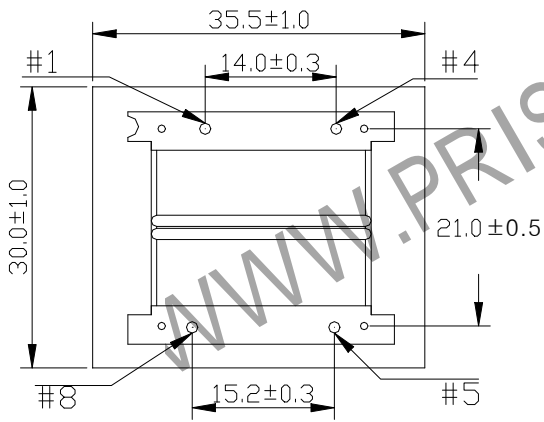
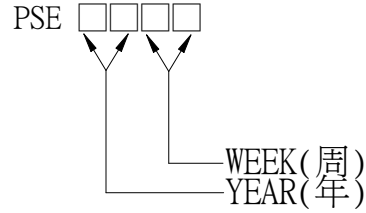
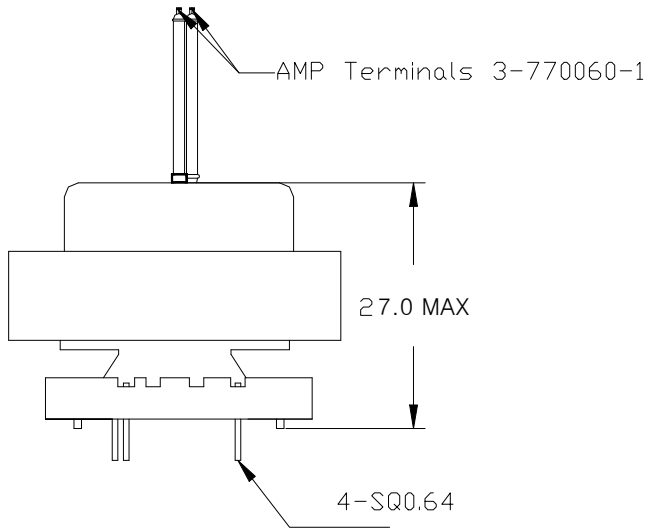


1. MECHANICAL & ASSEMBLY :



NOTE:
1. PIN 2.3.6.7 NO

UNIT : m/ m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1	P1		4 - 1	0.23φ	530	2Ts	CLOSE
2	S1		頂部	UL 1015 AWG14	2		CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :


PIN NO	INDUCTANCE 60Hz, 1.0Vrms	LOAD CURRENT	LOAD VOLTAGE	DCR(MAX) AT 25°C
4 - 1	762H MIN			12.0 Ω±10%

HI-POT TEST : (AT 3 mA, 2 SEC.)

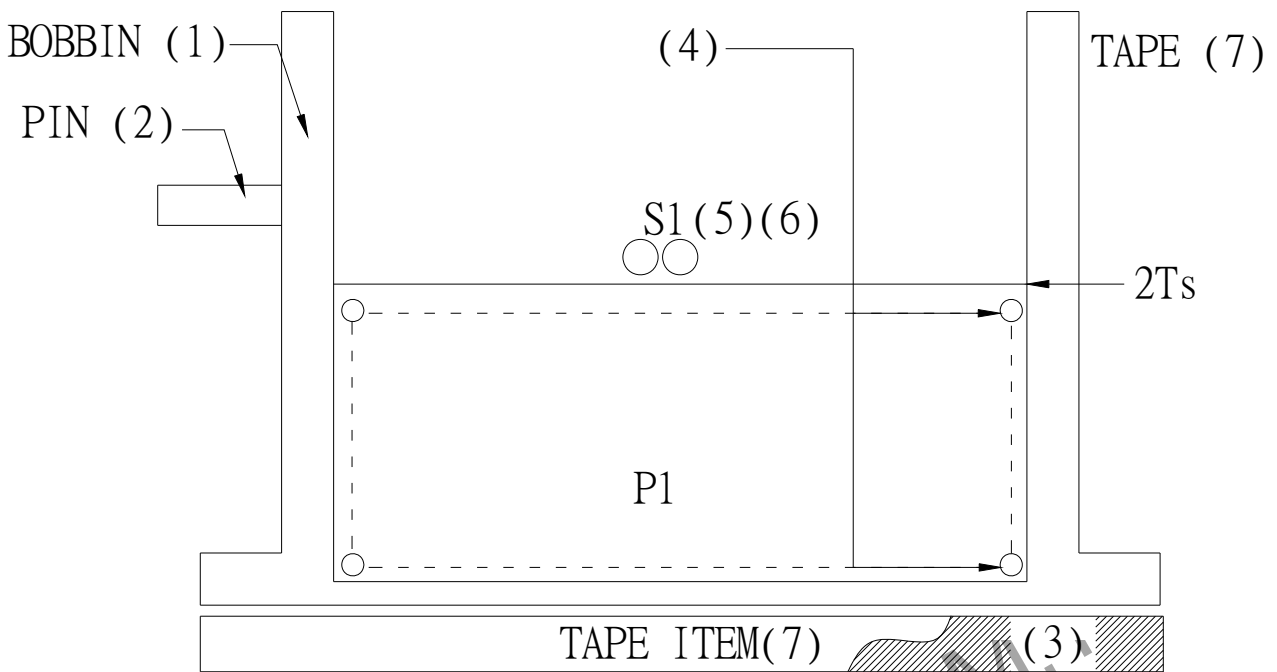
PRI TO SEC 1500 VAC
 PRI TO CORE 1500 VAC
 SEC TO CORE 1500 VAC

INSULATION TEST : (AT DC500V)

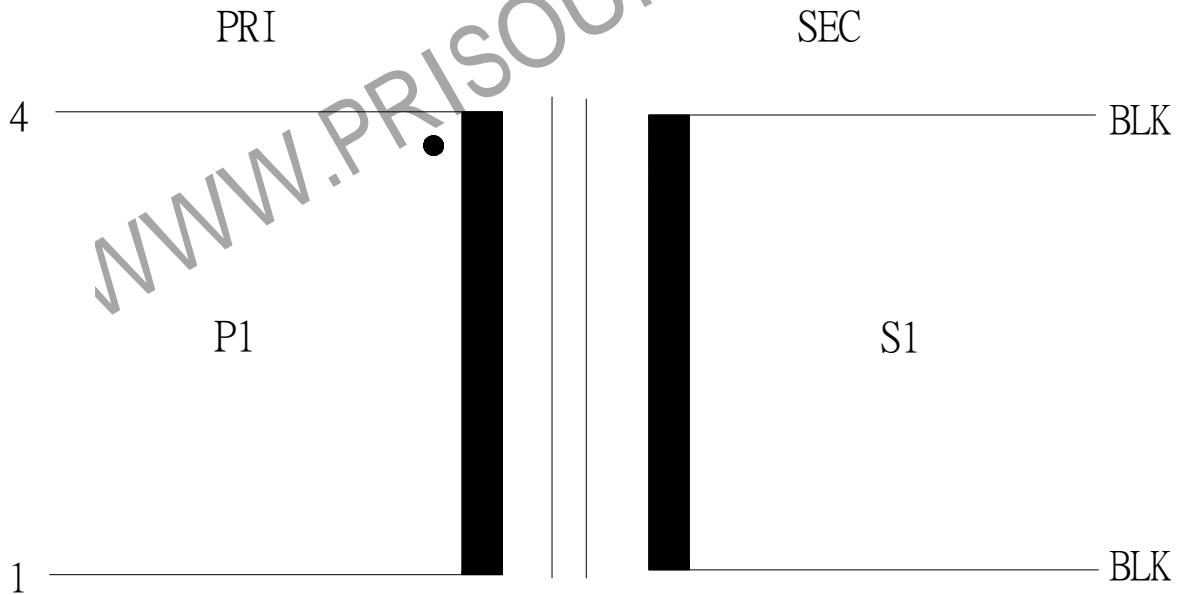
PRI TO SEC 100 MΩ MIN.
 PRI TO CORE 100 MΩ MIN.
 SEC TO CORE 100 MΩ MIN.

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4. WINDING SEQUENCE:



5. SCHEMATIC:



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6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PET(FR530) Thickness:0.75mm Min.	✓	E41938	EI DUPONT
2	PIN	(2)	TINNED C.P WIRE φ 0.64	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EI-35*10 H18 A(t=0.35mm)	✓		MING KEN
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPYU-130 MW75-C	✓	E197768	HENG YA
5	PVC WIRE	(5)	UL 1015AWG#14	✓	E204893	YONGROI
6	TERMINAL	(6)	3-770060-1	✓		AMP
7	MYLAR TAPE	(7)	POLYESTER FILM #1350F-1 Y	✓	E17385	3M
8	VARNISH	(8)	468-2FC	✓	E87039	ELANTAS

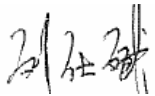

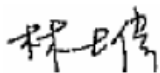
REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
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7. TEST DATA :

SAMPLE NO:				1	2	3	4	5	
SPEC A	INDUCTANCE: (60Hz, 1 Vrms)								
	(4 - 1) = 762H MIN			928	1120	1130	988	1110	
B	DCR : (AT 25 °C)								
	(4 - 1) = 12 Ω ± 10 %			11.73	11.70	11.72	11.69	11.73	
C	HI-POT TEST : (AT 3 mA, 2SEC.)								
	PRI	TO	SEC	1500 VAC	OK	OK	OK	OK	OK
	PRI	TO	CORE	1500 VAC	OK	OK	OK	OK	OK
	SEC	TO	CORE	1500 VAC	OK	OK	OK	OK	OK
D	INSULATION RESISTANCE :(AT DC 500V)								
	PRI	TO	SEC	> 100 MΩ	OK	OK	OK	OK	OK
	PRI	TO	CORE	> 100 MΩ	OK	OK	OK	OK	OK
	SEC	TO	CORE	> 100 MΩ	OK	OK	OK	OK	OK

TEST EQUIPEMENT :

- CHEN HWA CWV-902 WITH STANDING VOLTAGE TESTER
- CHEN HWA 301A CURRENT SOURCE & DC RESISTANCE METER
- FUNCTION GENERATOR 8102
- E4980A LCR METER
- HP 34401A MULTIMETER
- CHEN HWA 1062 LCZ METER
- CHEN HWA 705 IR METER

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER : ICS	DATE	MAY.25.16'
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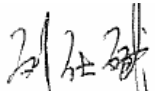

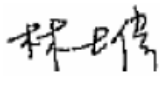
7. TEST DATA :

SPEC		SAMPLE NO:	6	7	8	9	10
A	INDUCTANCE: (60Hz, 1 Vrms)						
	(4 - 1) = 762H MIN		1100	1120	982	1065	940
B	DCR : (AT 25 °C)						
	(4 - 1) = 12 Ω ± 10 %		11.71	11.70	11.72	11.71	11.70

C	HI-POT TEST : (AT 3 mA, 2SEC.)								
	PRI	TO	SEC	1500 VAC	OK	OK	OK	OK	OK
	PRI	TO	CORE	1500 VAC	OK	OK	OK	OK	OK
	SEC	TO	CORE	1500 VAC	OK	OK	OK	OK	OK
D	INSULATION RESISTANCE : (AT DC 500V)								
	PRI	TO	SEC	> 100 MΩ	OK	OK	OK	OK	OK
	PRI	TO	CORE	> 100 MΩ	OK	OK	OK	OK	OK
	SEC	TO	CORE	> 100 MΩ	OK	OK	OK	OK	OK

TEST EQUIPEMENT :

- CHEN HWA CWV-902 WITH STANDING VOLTAGE TESTER
- CHEN HWA 301A CURRENT SOURCE & DC RESISTANCE METER
- FUNCTION GENERATOR 8102
- E4980A LCR METER
- HP 34401A MULTIMETER
- CHEN HWA 1062 LCZ METER
- CHEN HWA 705 IR METER

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER : ICS	DATE	MAY.25.16'
			PART NO : 45-0972	REV NO.	A
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材 料 証 明 書

SUBJECT: CERTIFICATION OF MATERIALS

注文者住所

電話	FAX
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DATE: 2016-5-25

日付: Year Month Day

納入者名(SUPPLIER)

元博電子股份有限公司

PRISOURCE ELECTRONICS CO.,LTD.

台灣省桃園縣中市中山路 88 號 18F

18F,NO.88,Chung Shan RD., Chung Li City,

Tao Yuan County Taiwan (R.O.C.)

部品番號: 45-0972

部品名稱: TRANSFORMER

PART NO.

NAME OF COMPONENT

作 番:

注 番:

數 量:

PRODUCTION NO.

ORDER NO.

QUANTITY

構成部品 COMPONENT	材質名及び型名 MATERIAL GENERIC NAME & TAPE NO.	材料製造者 MANUFACTURER OF MATERIAL	UL 難性 UL FLAM CLASS	UL ファイル UL FILE NO.
BOBBIN	PET(FR530) Thickness:0.75mm Min	EI DUPONT	94V-0	E41938
WIRE	POLYURETHANE (2UEW) TYPU-130 MW75-C	HENG YA		E197768
PVC WIRE	UL 1015AWG#16	YONGROI		E204893
TAPE	POLYESTER FILM #1350F-1 Y	3M COMPANY		E17385
VARNISH	468-2FC	ELANTAS		E87039

上記構成部品の材料は、上記表の通りである事を証明します。

We certify that each material of above parts is parts is properly employed such as above table.

品質管理課長又検査課長

By the chief of quality control

Or inspection section

REV. A

署名

林世偉

Signature

活字名

Print name

役職名

Title The chief of quality control

CERTIFICATION OF WITHSTAND VOLTAGE TEST

To: ICS

1. PRODUCT NAME TRANSFORMER
PART NO. 45-0972 LOT No. _____
2. DATE OF TEST 2016.5.25
3. TEST ITEM WITHSTAND VOLTAGE TEST



PRI. - SEC
<u>AC 1500 VAC</u>
PRI. - CORE
<u>AC 1500 VAC</u>
SEC. - CORE
<u>AC 1500 VAC</u>

No Breakdown for
2 sec. each
(CUT OFF CURRENT 3 mA)

4. TEST QUANTITY AND RESULT

a Regarding this lot, we guarantee that all quantities are acceptable as a result of the ALL Quantity Test under the above mentioned condition.

5 MANUFACTURER PRISOURCE ELECTRONICS CO., LTD

APPROVED	CHECK
	

CERTIFICATION

To: _____ ICS _____

PRODUCT NAME _____ TRANSFORMER _____

PART NO. _____ 45-0972 _____

LOT No. _____

* We guarantee that all products or parts that our company has delivered do not contain the chemical substances listed below

1. Cadmium and its compounds
2. Lead and its compounds
3. Hexavalent chromium compounds
4. Mercury and its compounds
5. Ozone-depleting substances (CFC, HCFC)
6. Specified bromine-based flame retardants (PBB, PBDE)

* Correspond to RoHS

MANUFACTURER PRISOURCE ELECTRONICS CO., LTD

APPROVED	CHECK
