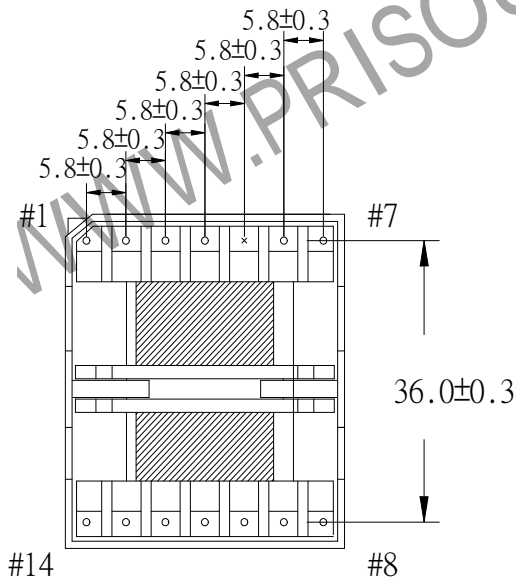
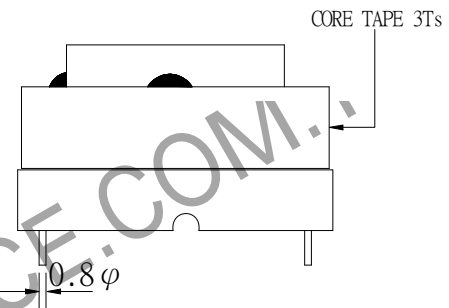
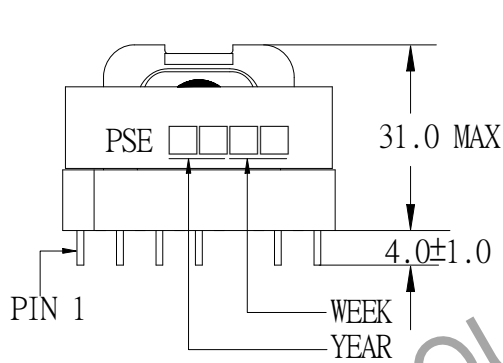
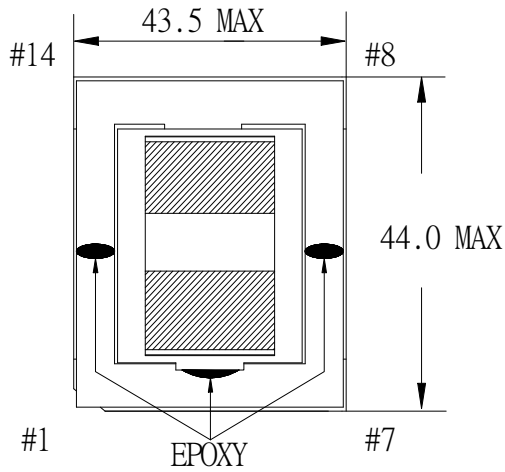


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:2 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-7 SIDE).
3. PIN 5 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		3 - 4	0.1 ϕ /80C	33	1T	CLOSE
2	P2		2 - 1	0.35 ϕ	2	1T	CLOSE
3	P3		7 - 6	0.35 ϕ	2	3Ts	CLOSE , AFTER P2
4	S1-2		10,11 - 13,14	0.12 ϕ /100C x2	2	2Ts	BIFILAR, CLOSE
5	S1-1		8,9 - 10,11	0.12 ϕ /100C x2	2		
6	S1-2		11,12 - 13,14	0.12 ϕ /100C x2	2	3Ts	BIFILAR, CLOSE
7	S1-1		8,9 - 10,12	0.12 ϕ /100C x2	2		

NOTE:P1 卷組起始線需要貼隔離膠布#44-A w=10mm 一片，待繞完后反折回線包。

3. ELECTRICAL CHARACTERISTICS:

PIN NO.	INDUCTANCE 100 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100 KHz, 1.0Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX. AT 25°C
3 - 4	475.0 uH \pm 10%	77.0uH \pm 10%	INPUT 1 Vrms	70.0 m Ω MAX.
2 - 1			0.0620Vrms \pm 5.0%	40.0 m Ω MAX.
7 - 6			0.0619Vrms \pm 5.0%	42.0 m Ω MAX.
10,11-13,14		SHORT	0.0556Vrms \pm 3.0%	1.70 m Ω MAX.
8,9-10,11		SHORT	0.0556Vrms \pm 3.0%	1.70 m Ω MAX.
11,12-13,14		SHORT	0.0557Vrms \pm 3.0%	1.70 m Ω MAX.
8,9-10,12		SHORT	0.0557Vrms \pm 3.0%	1.70 m Ω MAX.

HI-POT TEST : (AT 1 mA, 1 SEC)

PRI	TO	SEC	3600 VAC
PRI	TO	CORE	1800 VAC
SEC	TO	CORE	1800 VAC

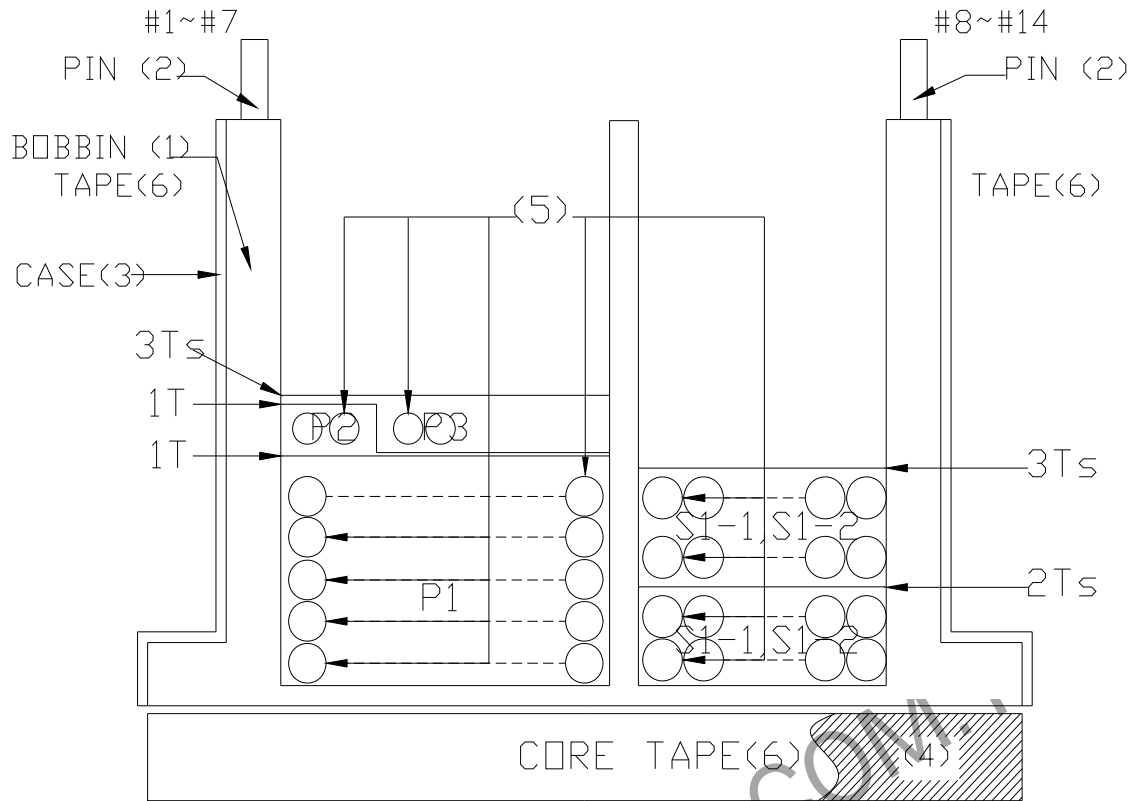
INSULATION RESISTANCE: (AT DC 500V)

PRI	TO	SEC	100 M Ω MIN.
PRI	TO	CORE	100 M Ω MIN.
SEC	TO	CORE	100 M Ω MIN.

IMPULSE TEST: 1200Vo-P(3 - 4)

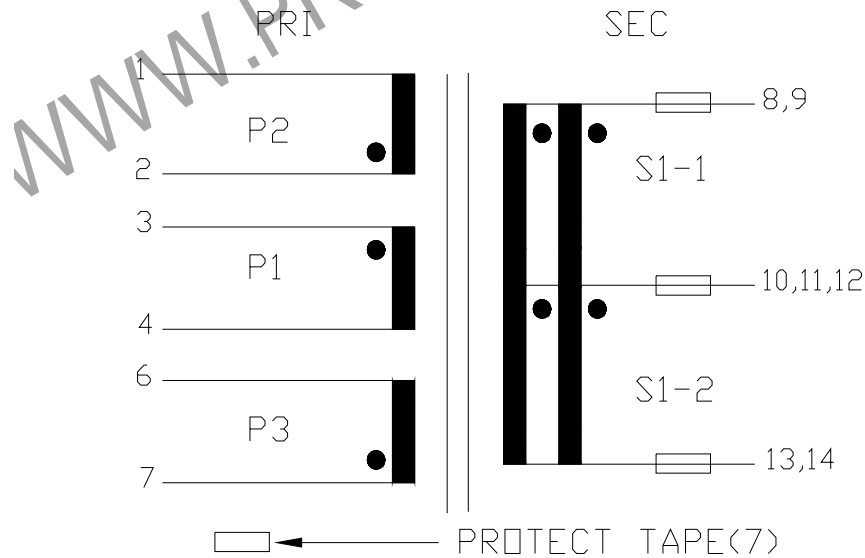
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4. WINDING SEQUENCE:



P1,P2,P3 WINDING FROM PIN 1-7 SIDE
 S1-1 , S1-2 WINDING FROM PIN 8-14 SIDE

5. SCHEMATIC:



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6 . MATERIALS LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.30mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE φ0.8	√		WELL FORE
3	CASE	(3)	PET FR530 Thickness:0.40mm Min.	√	E41938	E I DUPONT
4	CORE	(4)	FERRITE CORE ETD39 TP4D	√		TDG
5	COPPER WIRE	(5)	POLYURETHANE (2UEW) TYPYU-130 MW75-C	√	E197768	HENG YA
6	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 Y	√	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	√	E17385	3M
8	EPOXY		6020H	√	E229633	WELLS
9	VARNISH		TVB2180T	√	E83702	KYOCERA

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