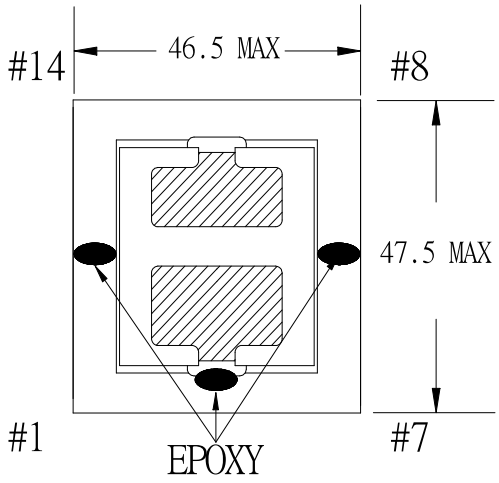
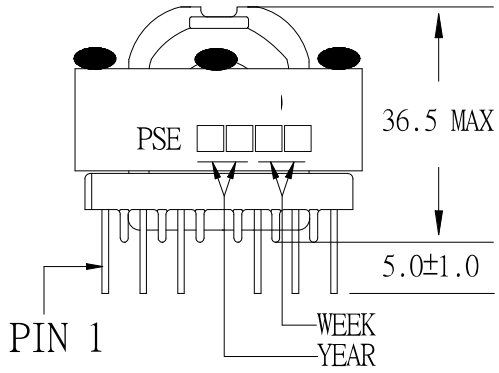
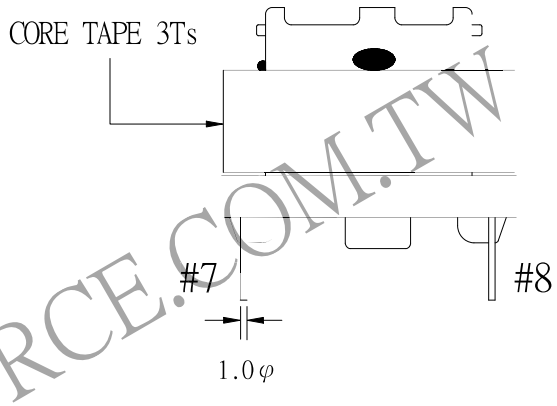
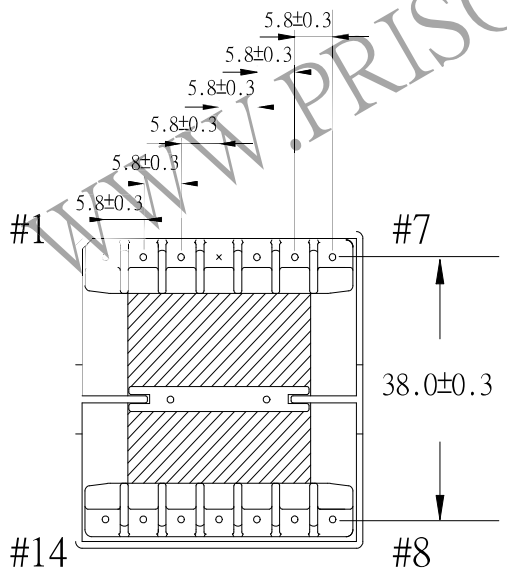
1. MECHANICAL & ASSEMBLY :









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 4 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		5 - 3	0.12ϕ/70C	30	2Ts	CLOSE
2	P2		2 - 1	0.35ϕ	2	1T	CLOSE
3	P3		7 - 6	0.35ϕ	2	3Ts	CLOSE , AFTER P2
4	S1-1		10,11 – 8,9	0.12ϕ/100C x2	2	2Ts	BIFILAR, CLOSE
5	S1-2		13,14 – 10,11	0.12ϕ/100C x2	2		
6	S1-1'		11,12 – 8,9	0.12ϕ/100C x2	2	3Ts	BIFILAR, CLOSE
7	S1-2'		13,14 – 12,10	0.12ϕ/100C x2	2		

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℃
5 - 3	475.0 uH±10%	72.0 uH±10%	INPUT 1 Vrms	56.0 mΩ
2 - 1			0.0681Vrms±5.0%	40.5 mΩ
7 - 6			0.0680Vrms±5.0%	42.0 mΩ
10,11-8,9		SHORT	0.0616Vrms±5.0%	2.8 mΩ
13,14-10,11		SHORT	0.0617Vrms±5.0%	2.7 mΩ
11,12-8,9		SHORT	0.0616Vrms±5.0%	2.7 mΩ
13,14-12,10		SHORT	0.0616Vrms±5.0%	2.8 mΩ

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

INPULSE TEST: 1200Vo-P(5-3)

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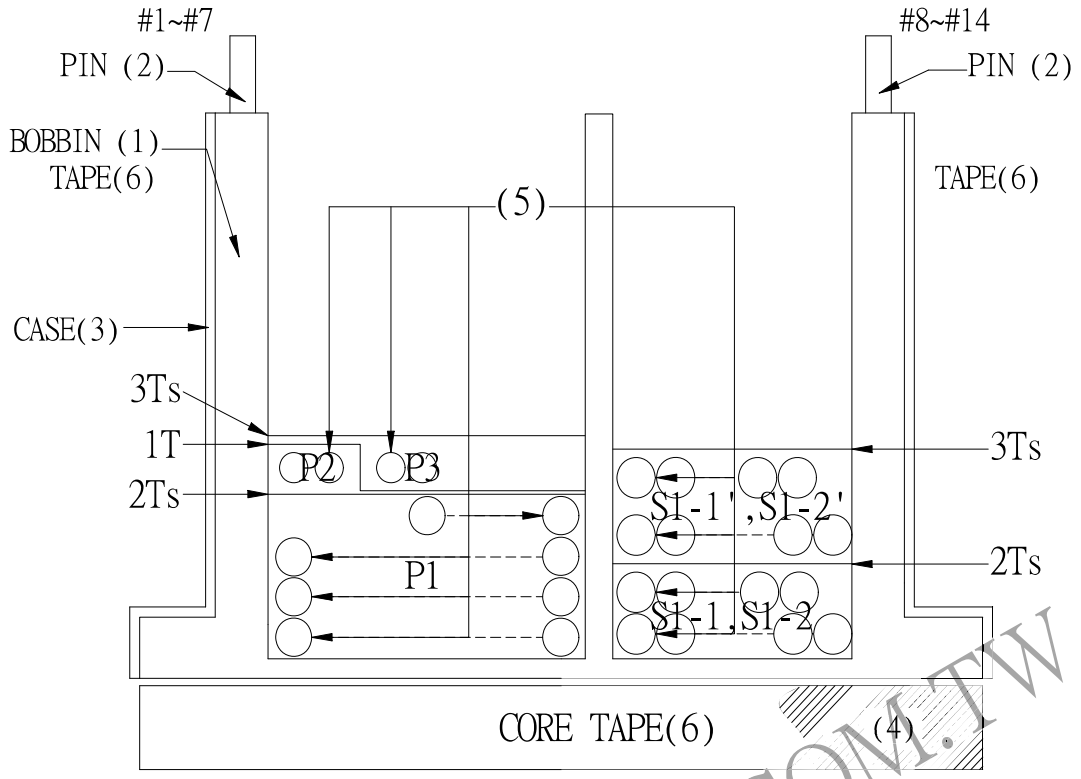
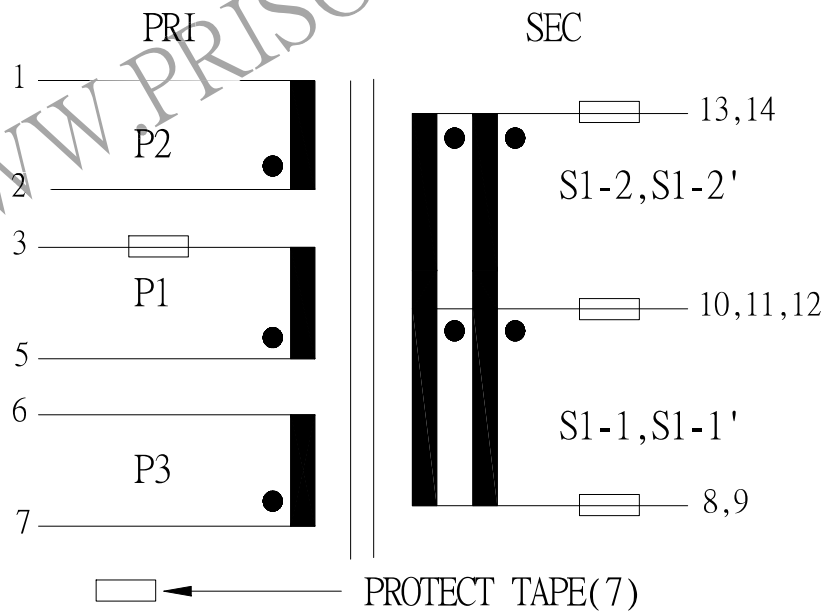
4.WINDING SEQUENCE:



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

5.SCHEMATIC:



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