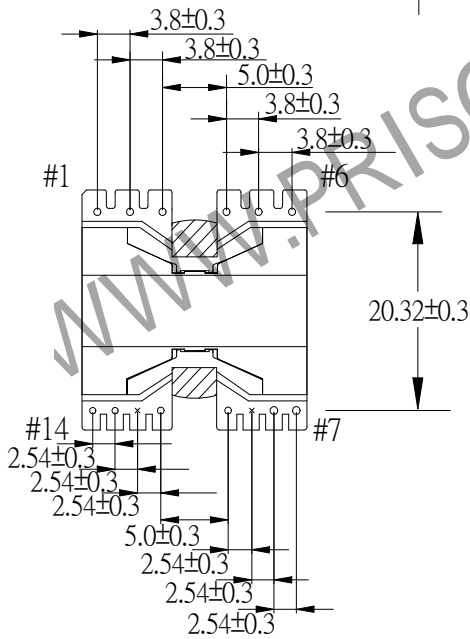
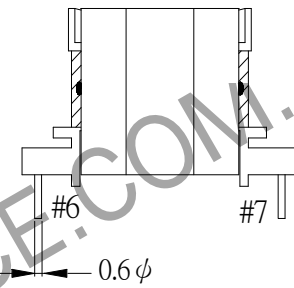
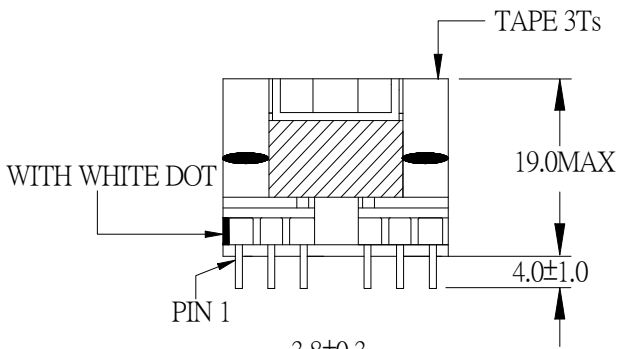
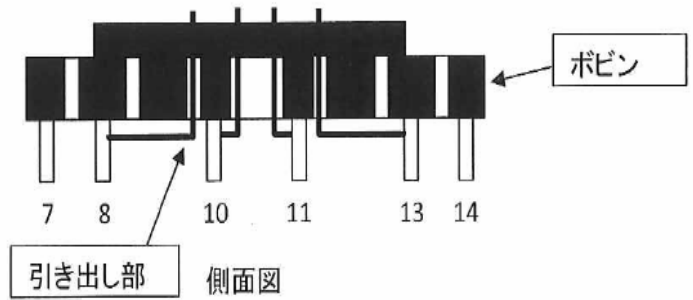
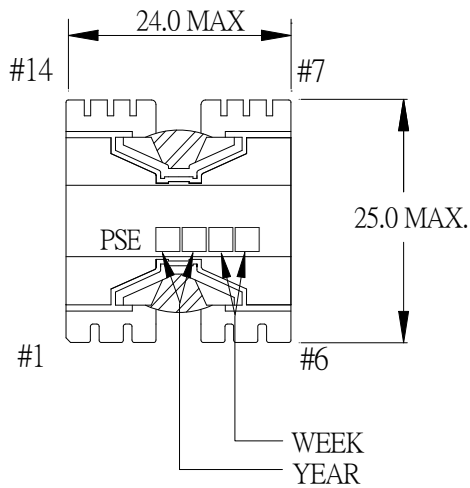


1.MECHANICAL & ASSEMBLY:



NOTE:

1. PIN 9,12 NO
2. PIN 1 WITH WHITE DOT
3. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
4. ADD ONE DROPS OF GLUE INSIDE OF THE CORE TOP.
5. PULL THE LEAD WIRE 8 & 13 OUT FROM SLOT (9,10) & (11,12)

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1						1T	
2	P3	1.6mm/3.5mm×1T	5 - 6	0.12φ	2	2Ts	SPACE
3	P1	1.6mm/3.5mm×4Ts	1 - 2	0.23φ	9	4Ts	BIFILAR, CLOSE
4	P2		2 - 3	0.23φ	9		
5	S1	1.6mm/3.5mm×1T	8 - 10	0.12φ	9	2Ts	CLOSE
6	S2	1.6mm/3.5mm×1T	11 - 13	0.12φ	9	2Ts	CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, mVrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
1 - 3	200uH ±15%		INPUT 1 Vrms	0.4 Ω.
5 - 6			0.1098Vrms±4.0%	210.0 mΩ.
1 - 2			0.4988Vrms±4.0%	210.0 mΩ.
2 - 3			0.4992Vrms±4.0%	195.5 mΩ.
8 - 10			0.4956Vrms±4.0%	0.85 Ω.
11 - 13			0.4946Vrms±4.0%	0.90 Ω.

HI-POT TEST : (AT 1 mA, 2 SEC.)

PRI	TO	SEC	1800VAC
PRI	TO	PRI	1800VAC
PRI, SEC	TO	CORE	1800VAC
SEC	TO	SEC	1800VAC

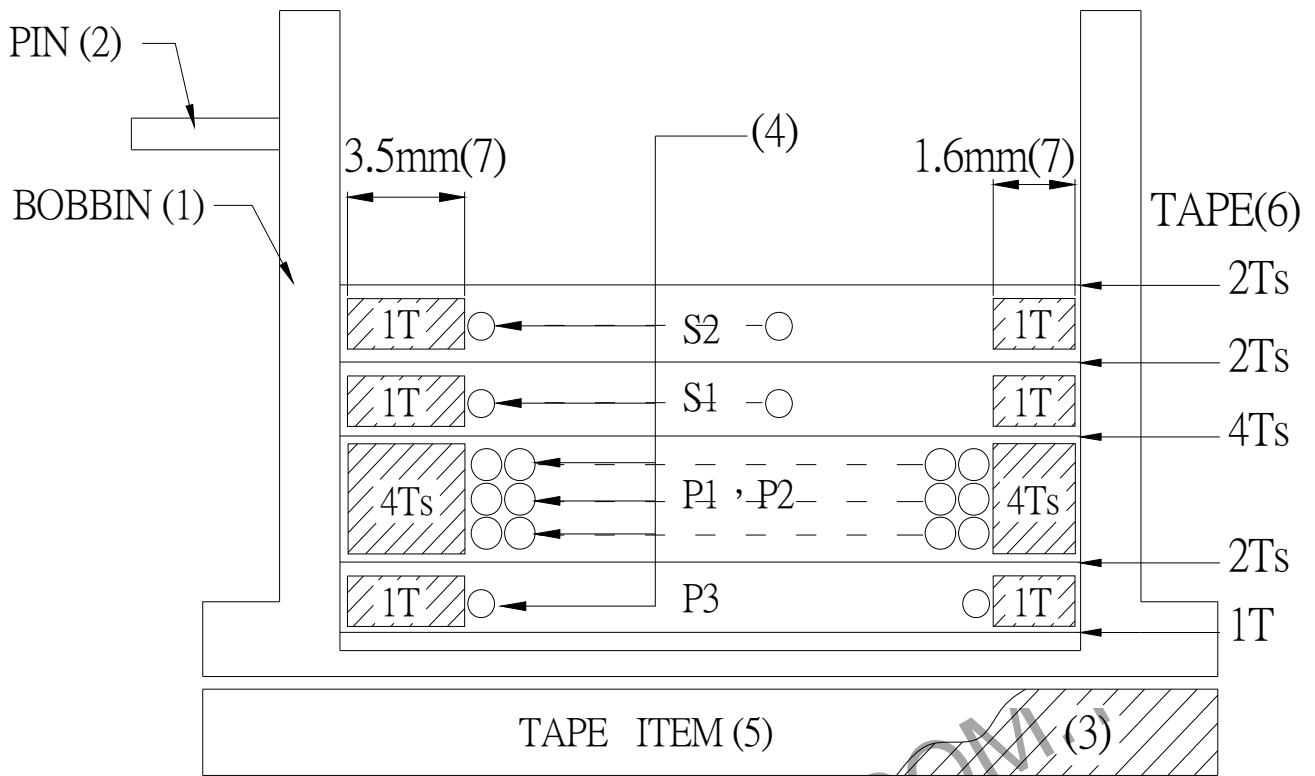
INSULATION RESISTANCE: (AT DC 500V)

PRI	TO	SEC	100 MΩ ≧.
PRI	TO	PRI	100 MΩ ≧.
PRI, SEC	TO	CORE	100 MΩ ≧.
SEC	TO	SEC	100 MΩ ≧.

INSULATION CLASS : CLASS E (120°C)

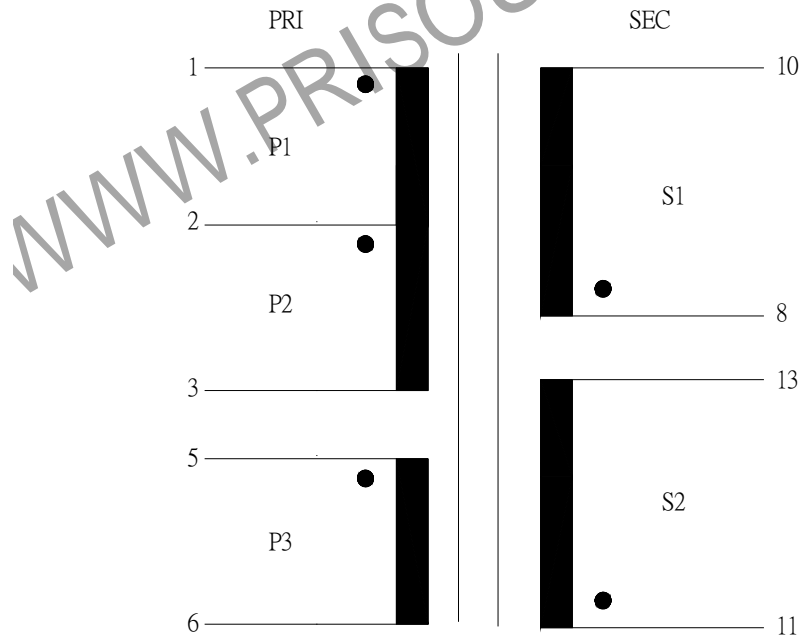
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4. WINDING SEQUENCE:



WINDING FROM PIN 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:0.30 mm Min. P-2013	√	E41429	SUMITOMO PIN SHINE
2	PIN	(2)	TINNED COPPER WIRE 0.6 φ	√		WELL FORE
3	CORE	(3)	FERRITE CORE PQ2016 TP4A	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEW) TYPU-130 MW75-C	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318Y-1	√	E17385	3M
		(6)	#1318Y-2			
6	MARGIN TAPE	(7)	COMPOSITE FILM #44D-A	√	E17385	3M
7	EPOXY		6020H	√	E229633	WELLS
8	VARNISH		TVB2180T	√	E83702	KYOCERA

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