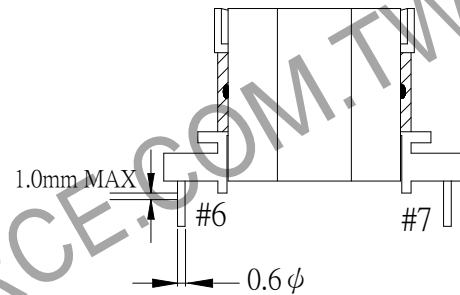
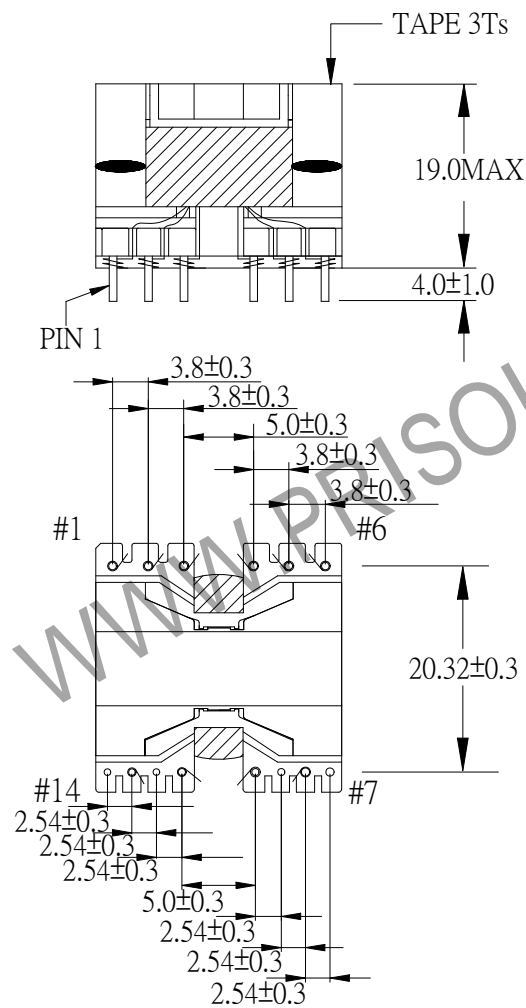
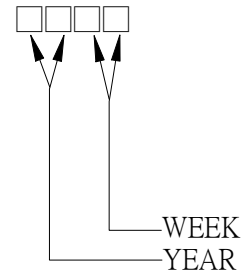
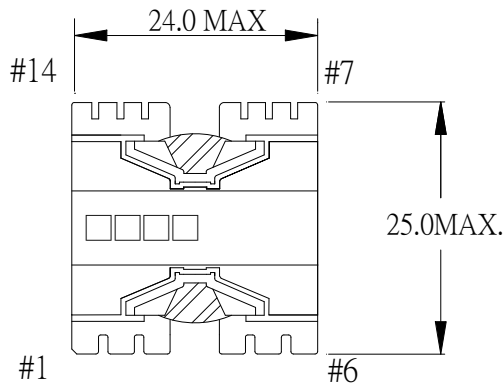


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE. (ONE POINT)
2. SOLDER POINT CAN BE OVER STAND OFF 1.0 mm MAX

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	PM		2 - 5	0.23 ϕ	26	1T	#22	CLOSE
2	P1	1.0mm/1.0mm \times 1T	3 - 1	0.23 ϕ	18	1T	#22	CLOSE
3	S1	1.0mm/1.0mm \times 1T	8 - 10	0.37 ϕ	9	1T	#22	SPACE
4	S2	1.0mm/1.0mm \times 1T	11 - 13	0.37 ϕ	9	1T	#22	SPACE
5	PB	1.0mm/1.0mm \times 1T	6 - 4	0.37 ϕ	9	3Ts	#22	SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 100 KHz, 1.0Vrms	DC SATURATION 200KHz, 1.0Vrms+DC 6.4A	VOLTAGE RATIO(V) f= 20KHz INPUT 1Vrms	DCR MAX AT 25°C
2 - 5	0.45mH \pm 15%			0.49 Ω
3 - 1			0.6915 Vrms \pm 3.0%	0.36 Ω
8 - 10			0.3455 Vrms \pm 4.0%	78.0 m Ω
11 - 13			0.3455 Vrms \pm 4.0%	85.0 m Ω
6 - 4			0.3455 Vrms \pm 4.0%	90.0 m Ω

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

PRI TO SEC. 1200 VAC

PRI, SEC TO CORE. 1800 VAC

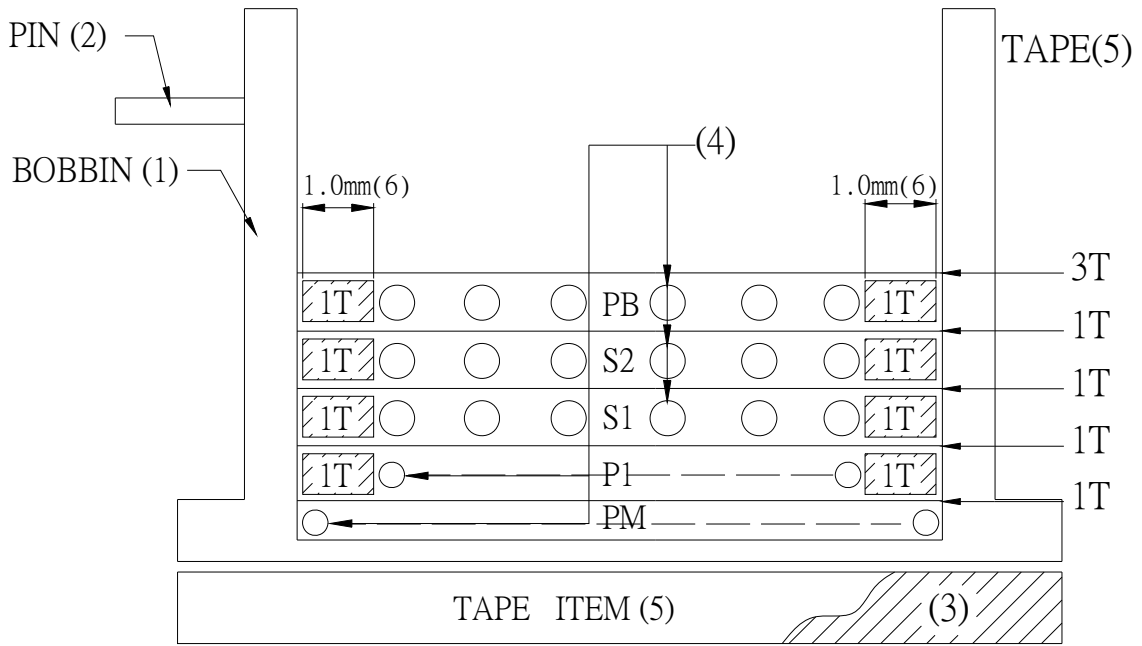
INSULATION RESISTANCE: (AT DC 500V)

PRI TO SEC. 100 M Ω MIN.

PRI, SEC TO CORE. 100 M Ω MIN.

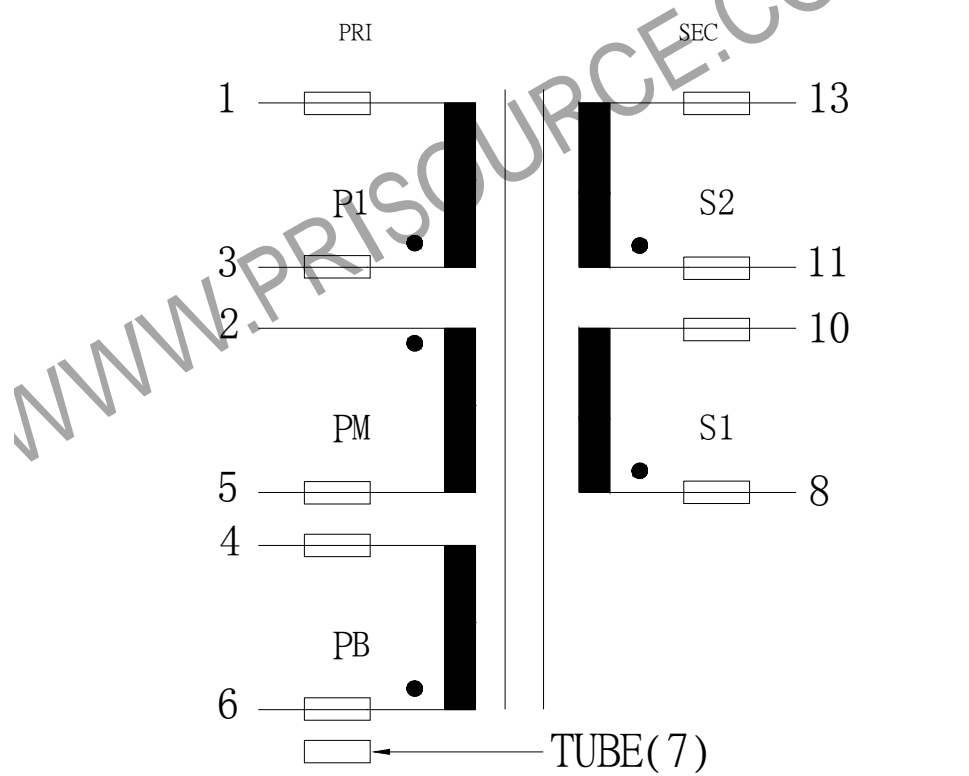
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4. WINDING SEQUENCE:



WINDING FROM PIN SIDE

5. SCHEMATIC:



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6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (T375J) Thickness:0.75 mm Min.	✓	E59481	CHANG CHUN
2	PIN	(2)	TINNED COPPER WIRE φ 0.6	✓		
3	CORE	(3)	FERRITE CORE PQ20/16 TP4A	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPYU-130 MW75-C	✓	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1 Y	✓	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44T-A	✓	E17385	3M
7	TUBE	(7)	TEFLON TUBE TFL	✓	E156256	GREAT HOLDING
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA

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