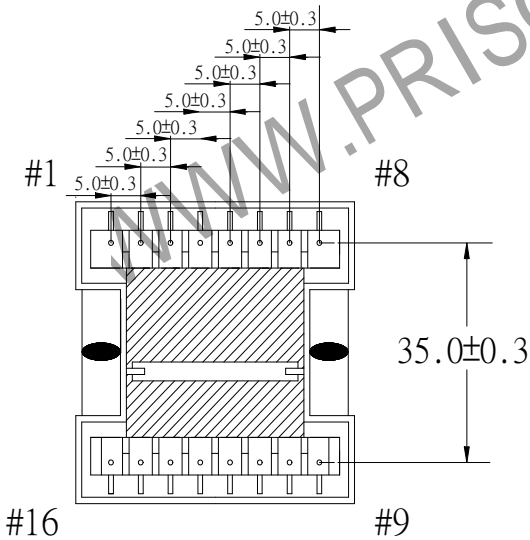
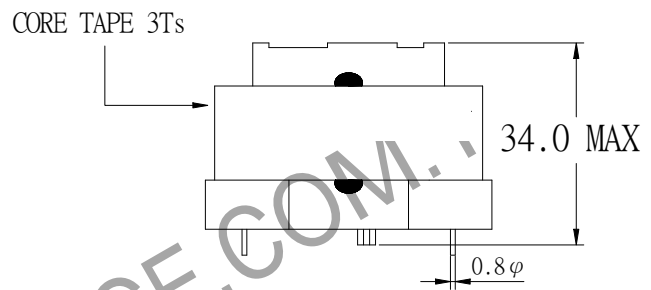
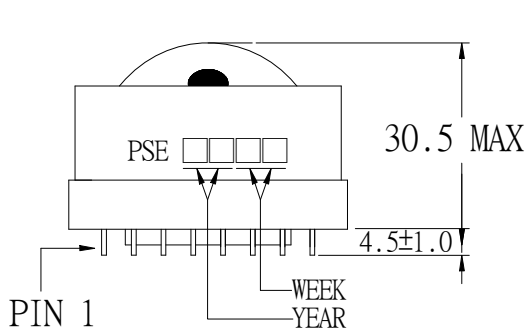
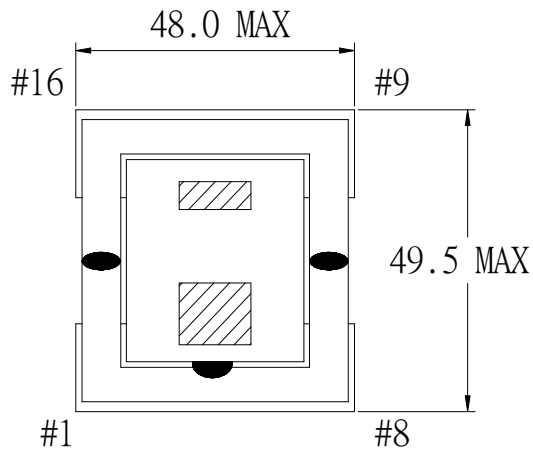


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-8 SIDE).
3. Change the shape of bobbin

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	P1		8 - 6	0.07 ϕ /252	23		2Ts	CLOSE
2	P2		2 - 4	0.32 ϕ	2		2Ts	CLOSE
3	S1		13 - 15	0.10 ϕ /100	9		2Ts	BIFILAR, CLOSE
4	S2		10 - 12	0.10 ϕ /100	9			

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 1.0 KHz, 1.0Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX. AT 25°C
8 - 6	170.3 μ H \pm 15%	53.5 μ H MAX	INPUT 1 Vrms	40.0 m Ω
2 - 4			0.0909Vrms \pm 5.0%	55.0 m Ω
13 - 15		SHORT	0.3579Vrms \pm 4.0%	20.5 m Ω
10 - 12		SHORT	0.3585Vrms \pm 4.0%	20.5 m Ω

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

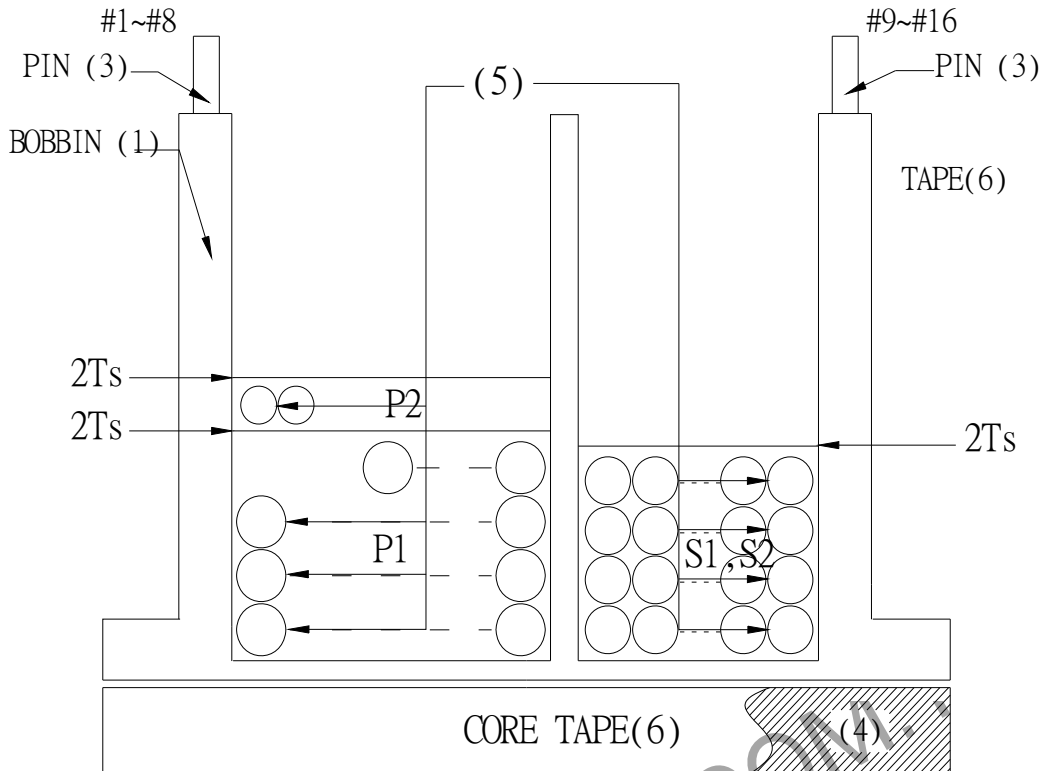
PRI TO SEC 600VAC
 PRI TO CORE 600VAC
 SEC TO CORE 600VAC

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.

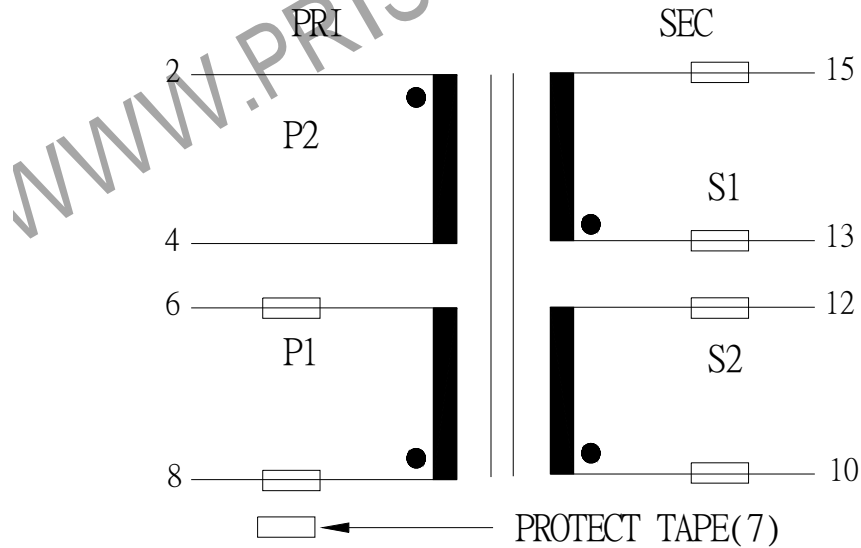
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4. WINDING SEQUENCE:



P1, P2 WINDING FROM PIN 1-8 SIDE
 S1, S2 WINDING FROM PIN 9-16 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	CASE	(2)	PET FR530 Thickness:0.45mm Min.	√	E41938	E I DUPONT	
3	PIN	(3)	TINNED C.P WIRE φ0.8	√		WELL FORE	
4	CORE	(4)	FERRITE CORE ETD44 TP4A	√		TDG	
5	COPPER WIRE	(5)	POLYURETHANE (1UEW) TYPU-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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