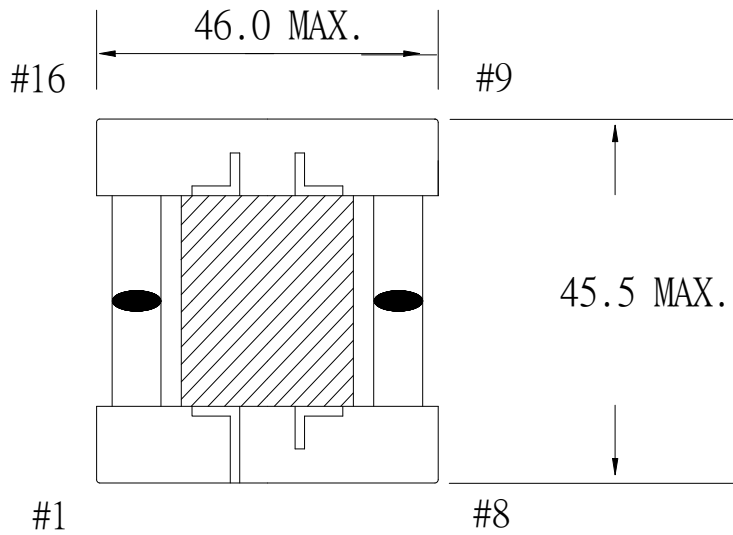
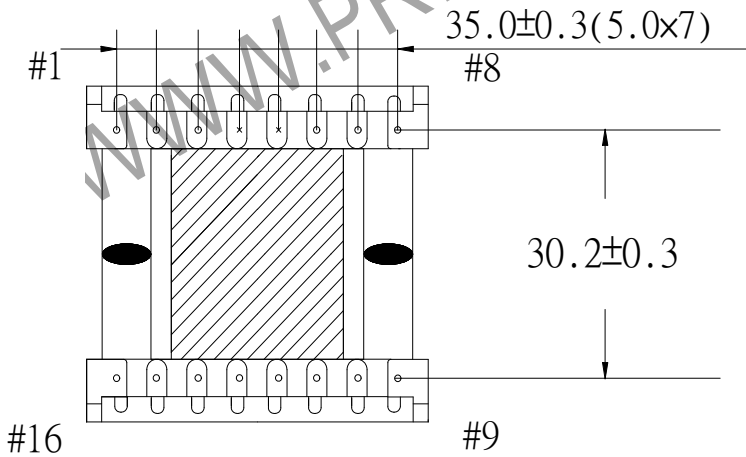
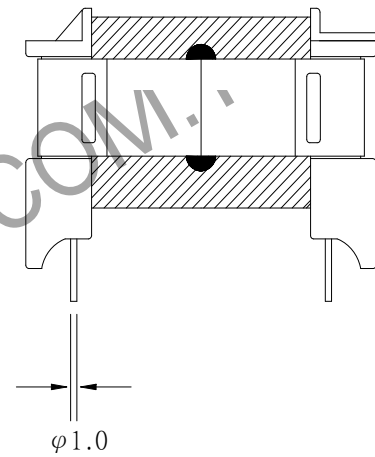
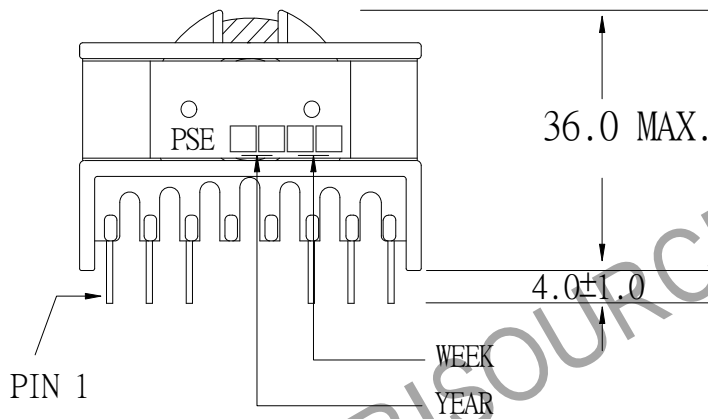


1. MECHANICAL & ASSEMBLY :



NOTE:

1. PIN 4, PIN5 NO
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-8 SIDE).
3. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
4. ADHESIVE EP-138 FIXED BETWEEN CORE & CORE (TTL:2 POINTS)
5. MEET CLASS F INSULATION SYSTEM "SBI5.1" E181448



UNIT : m/m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	P1	4.0mm/4.0mm×3Ts	2 - 6	0.55φ × 2	29	3Ts	#16/#16	CLOSE
2	S1	4.0mm/4.0mm×3Ts	10 - 12	0.60φ × 3	18	1T	#15/#15	CLOSE
3	S2	4.0mm/4.0mm×3Ts	13 - 15	0.60φ × 3	18	3Ts	#15/#15	CLOSE
4	P2	4.0mm/4.0mm×3Ts	1 - 7	0.55φ × 2	29	3Ts	#16/#16	CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 100 KHz, 1 Vrms	INDUCTANCE 100 KHz, 1 Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
1,2 - 6,7	1.65 mH MIN.	4.0 uH MAX.		44.0 mΩ
2 - 6			INPUT 1 Vrms,	70.0 mΩ
10 - 12		SHORT	0.6206Vrms±3.0%	28.5 mΩ
13 - 15		SHORT	0.6206Vrms±3.0%	33.5 mΩ
1 - 7			0.9972Vrms±3.0%	113.5 mΩ
PIN NO.	WINDING CAPACITANCE			
(1-7) TO (10-15)	200.0 pF MAX.			

HI-POT TEST :(AT 10 mA , 1 SEC.)

P1,P2 TO S1,S2 3600 VAC

P1,P2 TO CORE 1800 VAC

S1,S2 TO CORE 1800 VAC

INSULATION RESISTANCE:(AT DC 500V)

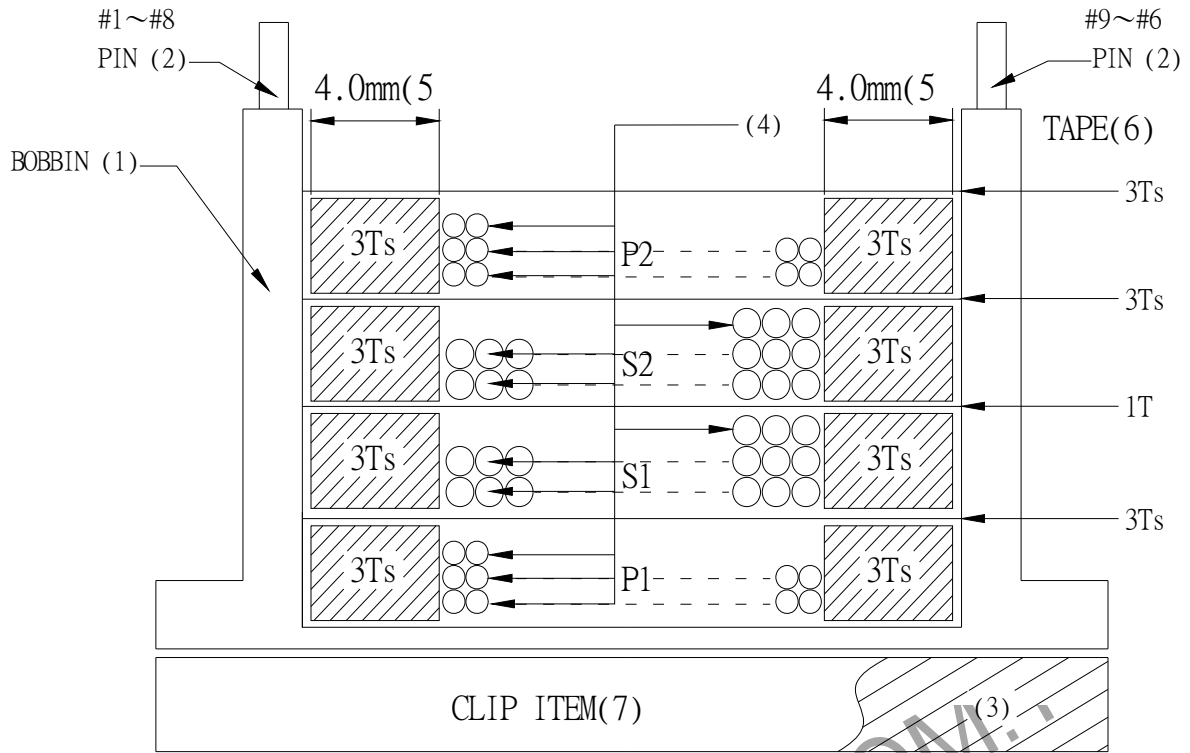
P1,P2 TO S1,S2 100 MΩ MIN.

P1,P2 TO CORE 100 MΩ MIN.

S1,S2 TO CORE 100 MΩ MIN.

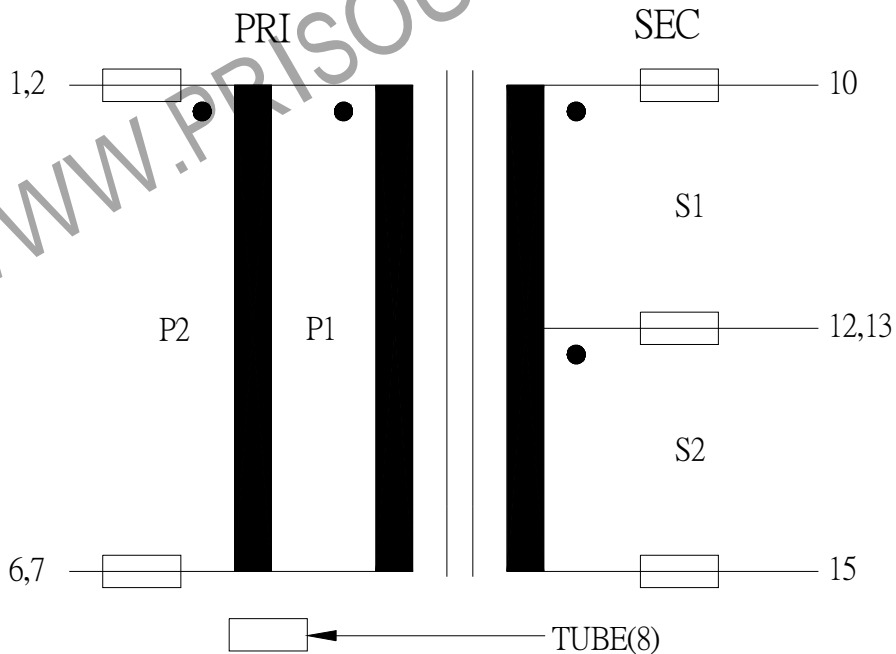
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4. WINDING SEQUENCE



P1, P2 WINDING FROM PIN 1-8 SIDE
 S1, S2 WINDING FROM PIN 9-16 SIDE

5. SCHEMATIC :



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6. MATERIAL LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (PM9820) Thuckness:0.5mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE φ1.0	√		WELL FORE
3	CORE	(3)	FERRITE CORE ETD39 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW75-C	√	E197768	HENG YA
5	MARGIN TAPE	(5)	COMPOSITE FILM #44T-A	√	E17385	3M
6	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 Y #1318-2 Y	√	E17385	3M
7	CLIP	(7)	ETD39	√		YIH HWA
8	TUBE	(8)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
9	EPOXY		6020H EP-138	√ √	E229633	WELLS CEMEDINE
10	VARNISH		TVB2180T	√	E83702	KYOCERA

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