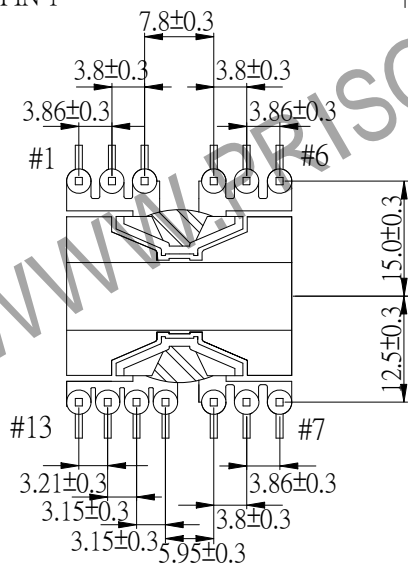
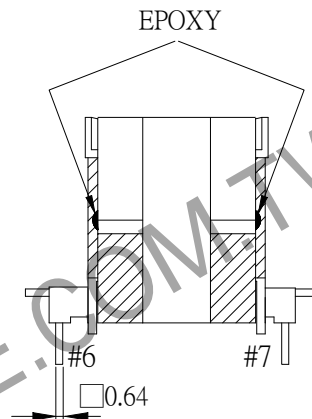
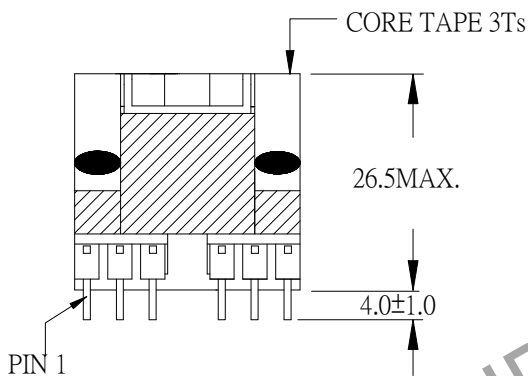
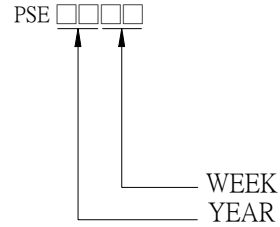
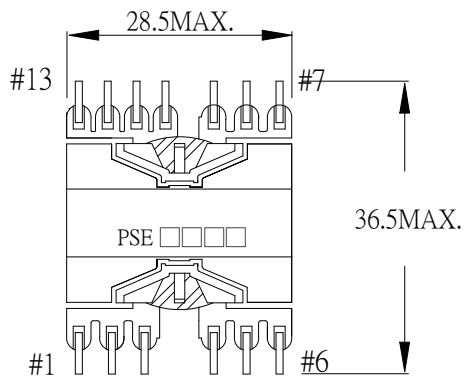


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT)
2. ADHESIVE KE-45W ON CORE CENTER LEG(ONE POINT)

UNIT : mm

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD	TUBE
1	P1		9 - 8	TEX-E 0.35 $\varphi$	22	1T	CLOSE	
2	S2	1.5/1.5mm $\times$ 2Ts	4 - 3	0.10 $\varphi$ /60C	3	1T	BIFILAR, CLOSE	
3	S3		6 - 5	0.10 $\varphi$ /60C	3			
4	S1		2 - 1	0.10 $\varphi$ /60C	3			
5	P2		8 - 7	TEX-E 0.35 $\varphi$	22	1T	CLOSE	
6	P3		12 - 10	TEX-E 0.35 $\varphi$	10	1T	SPACE	

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 10 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 100mVrms	VOLTAGE RATIO(V) F= 20KHz	DCR MAX. AT 25°C
9 - 7	1250uH $\pm$ 15%	10.0uHMAX	INPUT 1 Vrms	
9 - 8			0.4983Vrms $\pm$ 4.0%	0.25 $\Omega$
4 - 3		SHORT	0.0680Vrms $\pm$ 5.0%	13.0 m $\Omega$
6 - 5		SHORT	0.0680Vrms $\pm$ 5.0%	13.0 m $\Omega$
2 - 1		SHORT	0.0679Vrms $\pm$ 5.0%	13.0 m $\Omega$
8 - 7			0.5012Vrms $\pm$ 3.0%	0.3 $\Omega$
12 - 10			0.2280Vrms $\pm$ 4.0%	150.0 m $\Omega$

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

PRI TO SEC 4000 VAC

SEC TO CORE 3000 VAC

PRI TO PRI 350 VAC

Secondary ( 1,2 ) TO Secondary ( 3,4 ) 100 VAC

Secondary ( 3,4 ) TO Secondary ( 5,6 ) 100 VAC

INSULATION RESISTANCE:(AT DC 500V)

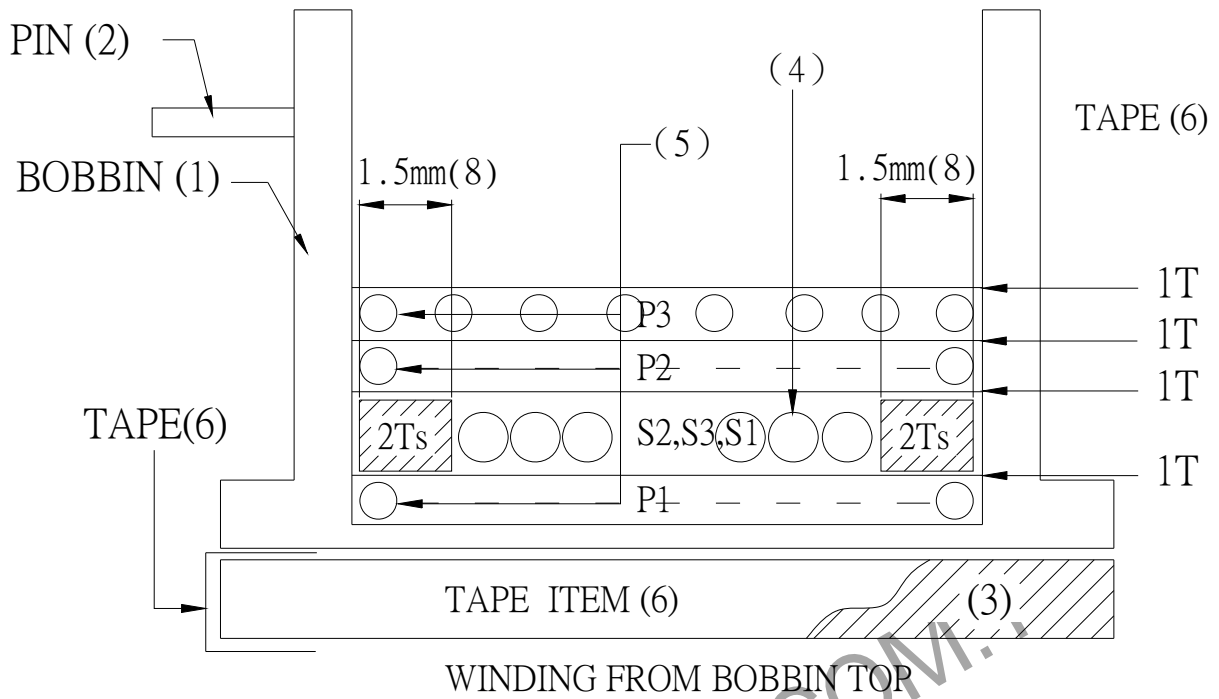
PRI TO SEC 100 M $\Omega$  MIN.

SEC TO CORE 100 M $\Omega$  MIN.

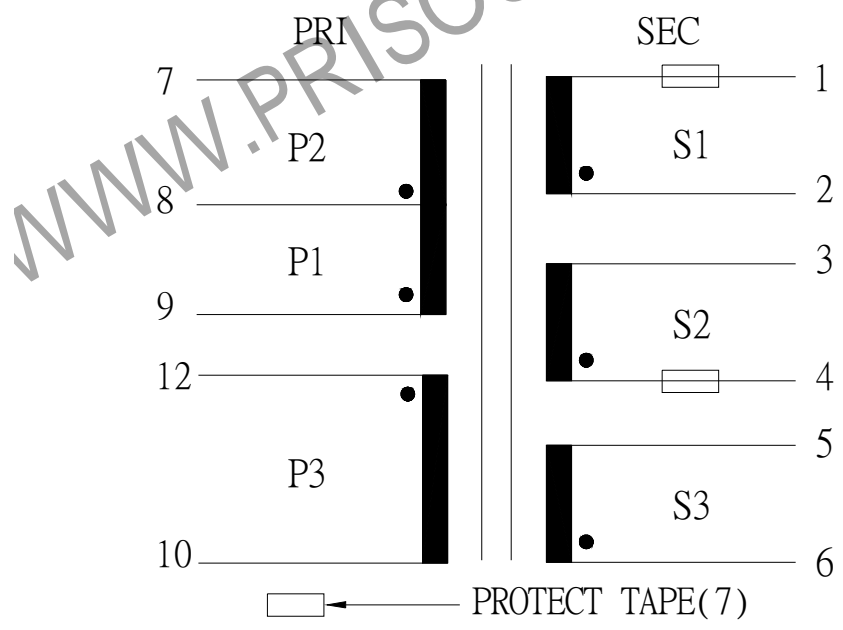
PRI TO PRI 100 M $\Omega$  MIN.

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4. WINDING SEQUENCE :



5. SCHEMATIC :



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## 6. MATERIAL LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	POLYAMIDE(A3X2G5) Thickness : 0.8mm MIN	√	E41871	BASF CORP
2	PIN	(2)	TINNED C.P WIRE□0.64	√		
3	CORE	(3)	FERRITE PQ26/25 PQ26/25 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEWF) TY1700-U155 MW79	√	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-E	√	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM#1318-1 Y	√	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	√	E17385	3M
8	MARGIN TAPE	(8)	COMPOSITE FILM #44T-A	√	E17385	3M
9	EPOXY		6020H	√	E229633	WELLS
			KE-45W	√	E48923	SHIN ETSU
10	VARNISH		WP-2952F-2G	√	E72979	HITACHI

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