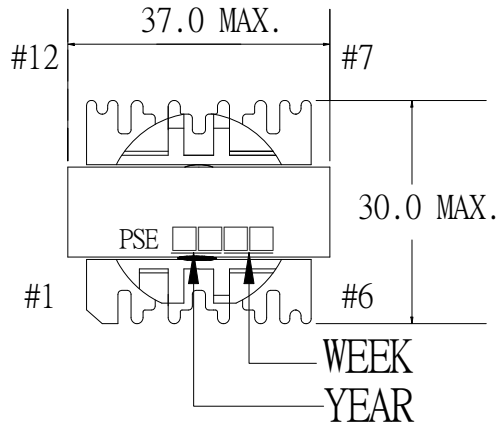
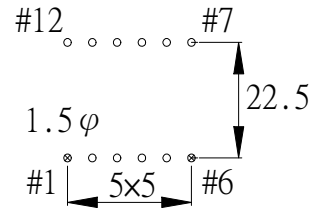
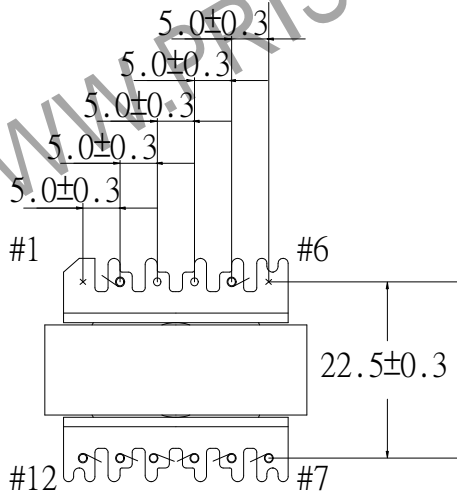
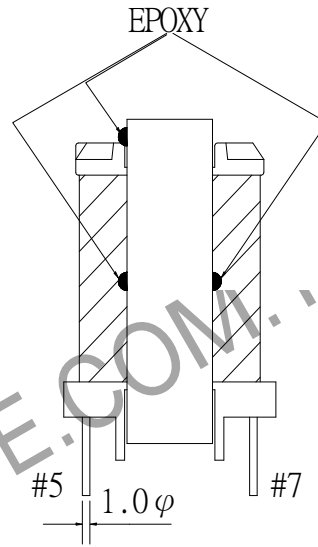
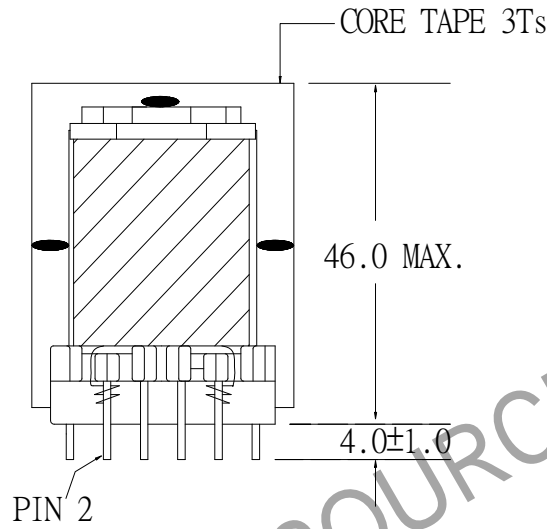


# 1. MECHANICAL & ASSEMBLY :



**NOTE:**

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-6 SIDE).
2. PIN 1,6 NO.



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	2.5mm/2.5mm×3Ts	2 - 5	TEX-E 0.50φ	55	3Ts		CLOSE
2	S05	4.5mm/4.5mm×2Ts	9 - 8	0.55φ×5	4	3Ts		SPACE
3	S05'	4.5mm/4.5mm×2Ts	10 - 7	0.55φ×5	4	3Ts		SPACE
4	S-12	4.5mm/4.5mm×2Ts	12 - 11	0.35φ×3	16	3Ts	φ0.8	CLOSE
5	P1'	2.5mm/2.5mm×3Ts	2 - 5	TEX-E 0.50φ	55	3Ts		CLOSE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100 KHz, 1.0Vrms	VOLTAGE RATIO(V) F= 20KHz INPUT 1Vrms	DCR MAX. AT 25°C
2 - 5	5.5mH MIN	12.0Uh MIN		176.0 mΩ
9 - 8			0.0727Vrms±7.0%	5.3 mΩ
10 - 7		SHORT	0.0727Vrms±7.0%	5.7 mΩ
12 - 11		SHORT	0.2910Vrms±5.0%	83.0 mΩ

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

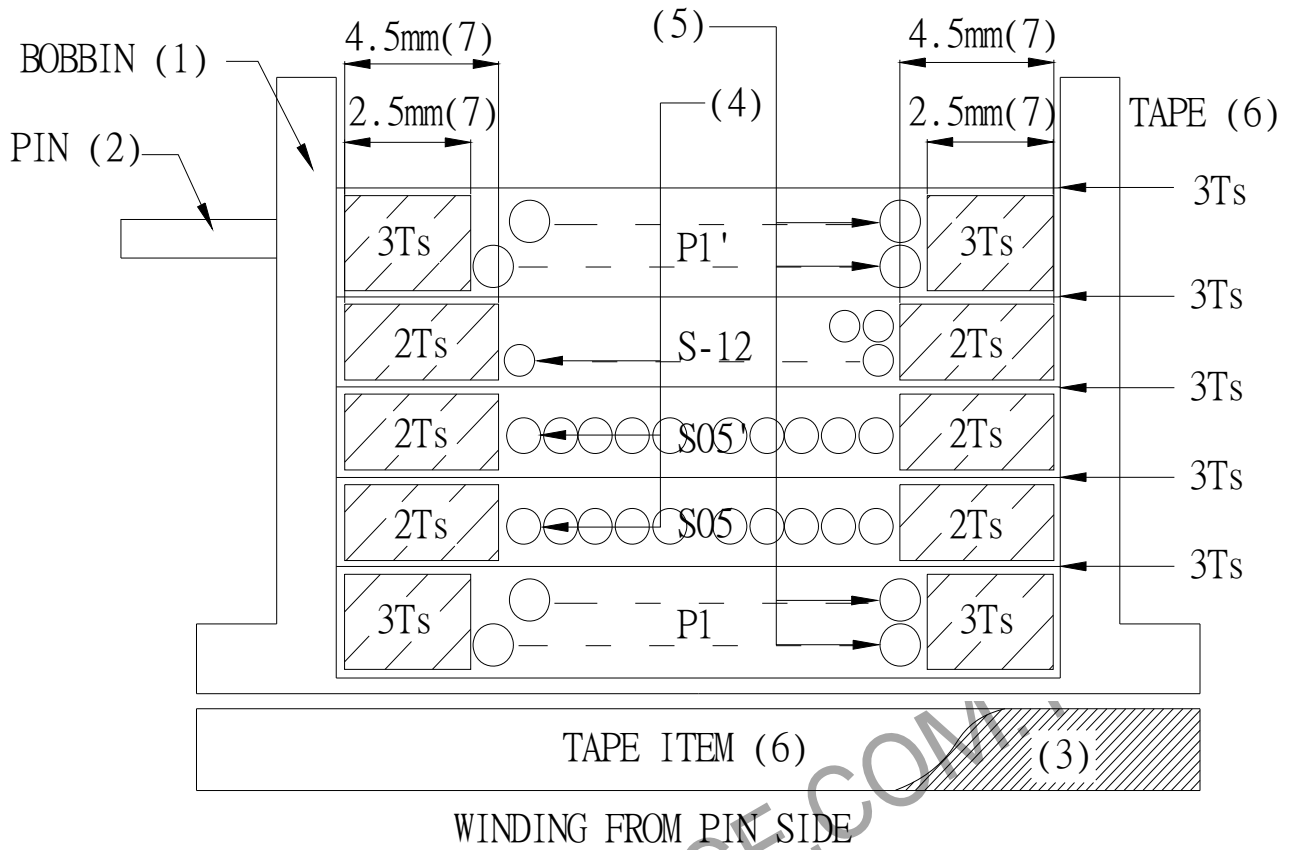
PRI. TO SEC. 3600 VAC  
PRI TO CORE 3600 VAC

INSULATION RESISTANCE:(AT DC 500V)

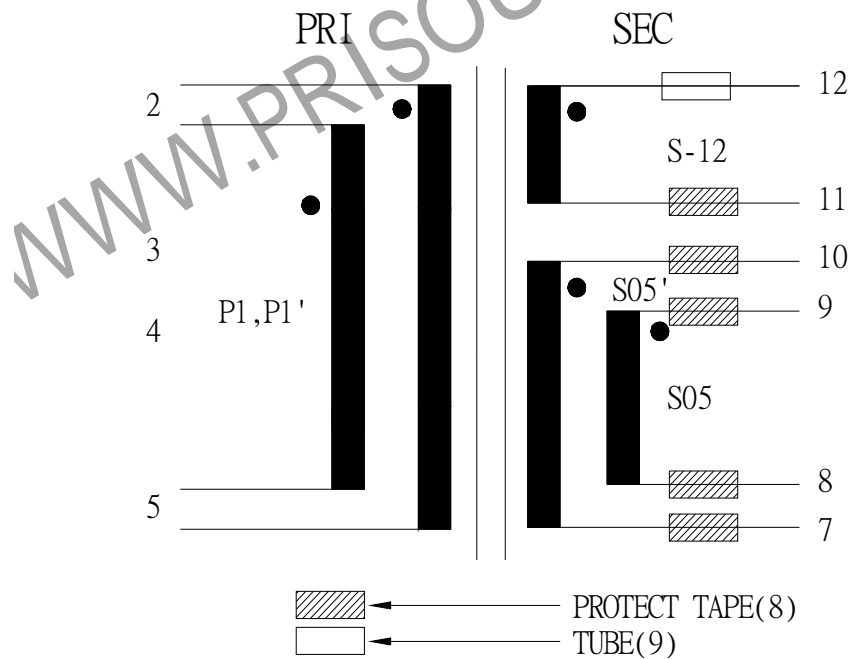
PRI. TO SEC. 100 MΩ MIN.  
PRI TO CORE. 100 MΩ MIN.

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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.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.50mm Min. P-3509	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE Φ1.0	✓		WELL FORE
3	CORE	(3)	FERRITE CORE  EER35/42 TP4	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(2UEW) TYPY-130 MW75-C	✓	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-E	✓	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 (Y)	✓	E17385	3M
7	MARGIN TAPE	(7)	COMPOSITE FILM #44T-A	✓	E17385	3M
8	PROTECT TAPE	(8)	COMPOSITE FILM #44-A	✓	E17385	3M
9	TUBE	(9)	SILICON TUBE RSU-1	✓	E67922	NISSEI
10	EPOXY		6020H	✓	E229633	WELLS
11	VARNISH		TVB2180T	✓	E83702	KYOCERA

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