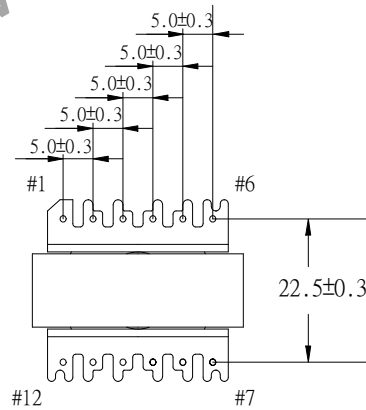
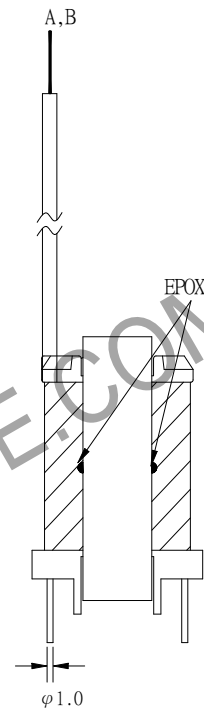
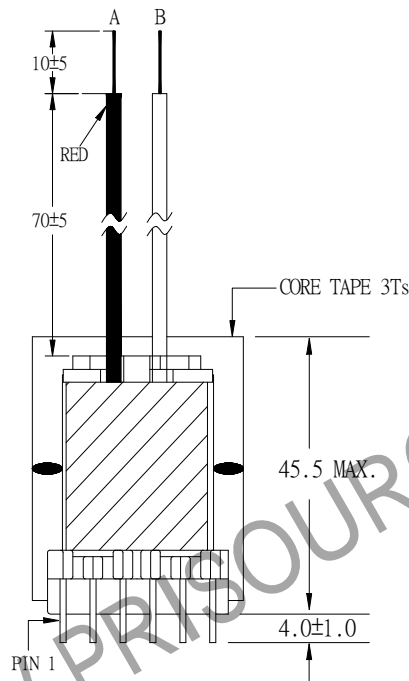
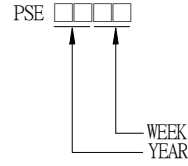
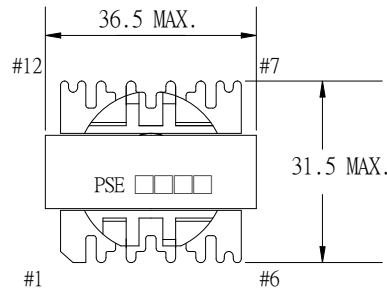


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT).

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1						2Ts		
2	P1	3.0/2.0mm×2Ts	3 - X	0.60φ×2	16	3Ts	1.5φ	CLOSE
3	S1	3.0/2.0mm×6Ts	10,11,12 - 7,8,9	0.60φ×4	22	3Ts		CLOSE
4	P2	3.0/2.0mm×2Ts	X - 2	0.60φ×2	16	1T	1.5φ	CLOSE
5	P3	3.0/2.0mm×2Ts	4 - 1	0.60φ	32	1T		CLOSE
6	P4	6.5mm/~×1T	5 - 6	0.60φ	5	1T		CLOSE
7	P5	~/6.5mm×1T	A - B	0.60φ	1	3Ts	1.5φ	CLOSE
8			X 反折			3Ts		

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 100 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 1Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX. AT 25°C
3 - 2	2.12mH MIN	2.9uH MAX	INPUT 1.0Vrms	58.0mΩ±20%
10,11,12 - 7,8,9		SHORT	0.6873Vrms±3.0%	21.4mΩ±20%
4 - 1			1.0000Vrms±3.0%	140.9mΩ±20%
5 - 6			0.1559Vrms±4.0%	25.7mΩ±20%
A - B			0.0311Vrms±7.0%	15.9mΩ±20%

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

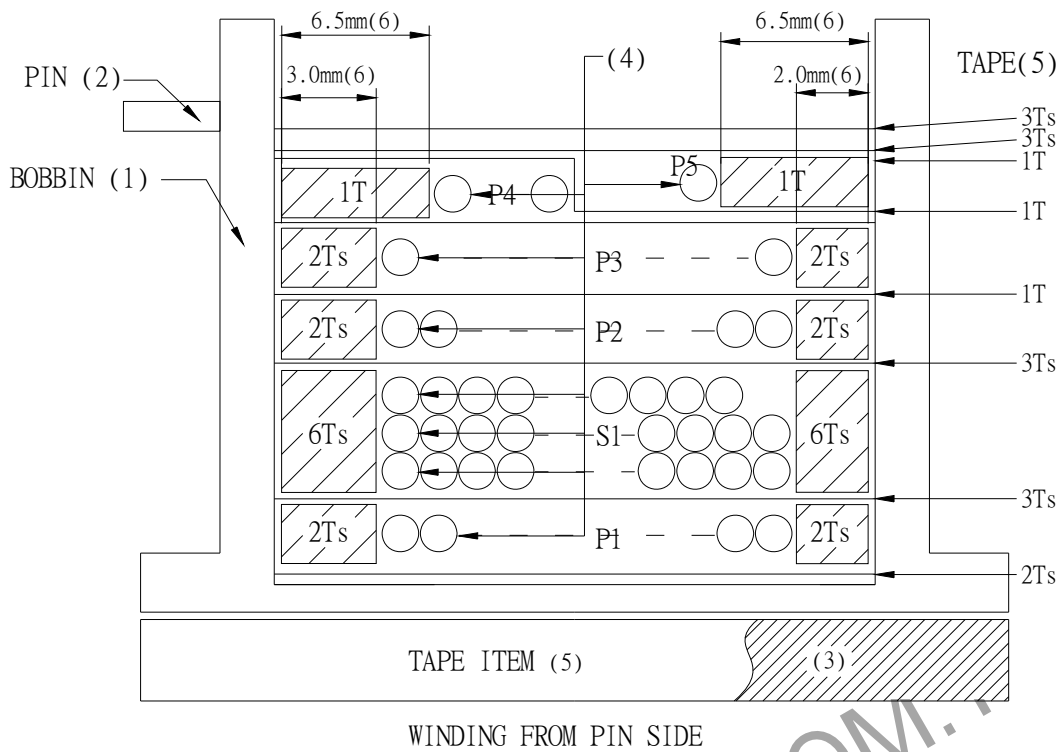
PRI	TO	SEC	2400 VAC
PRI	TO	CORE	2400 VAC
PRI	TO	PRI	1200 VAC
SEC	TO	CORE	1200 VAC

INSULATION RESISTANCE: (AT DC 500V)

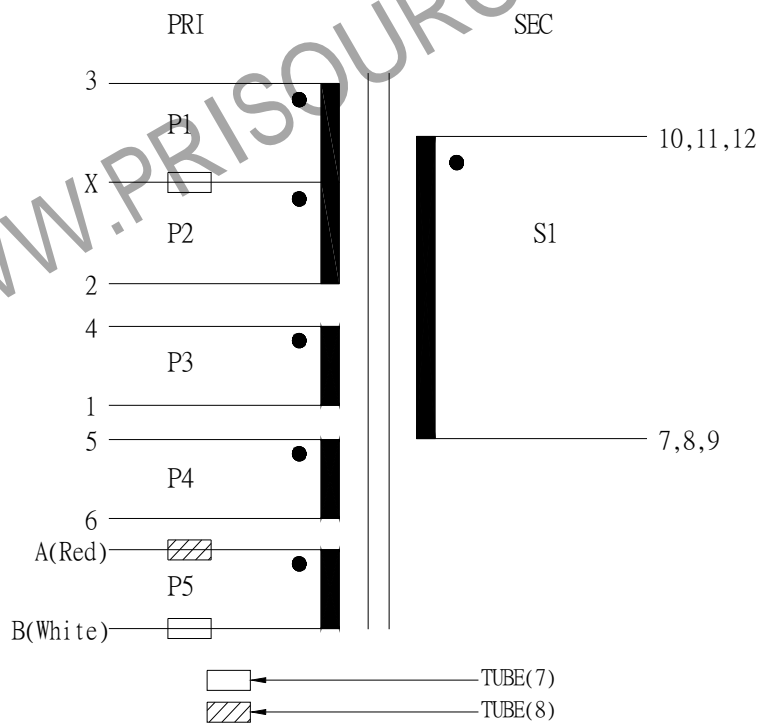
PRI	TO	SEC	100 MΩ MIN
PRI	TO	CORE	100 MΩ MIN
SEC	TO	CORE	100 MΩ MIN

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4. WINDING SEQUENCE:



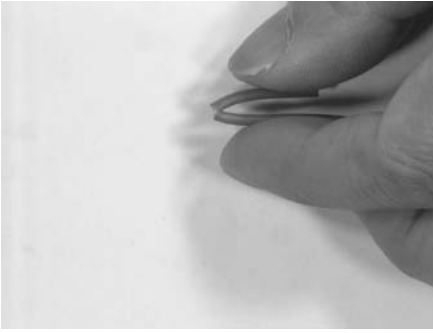
5. SCHEMATIC:



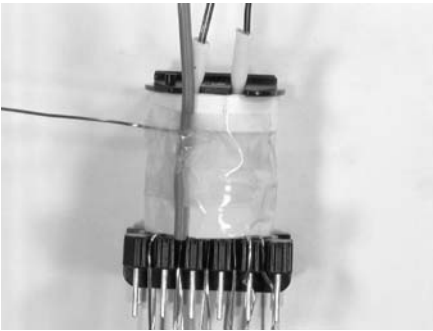
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The operation to prevent the tubes to fall off :

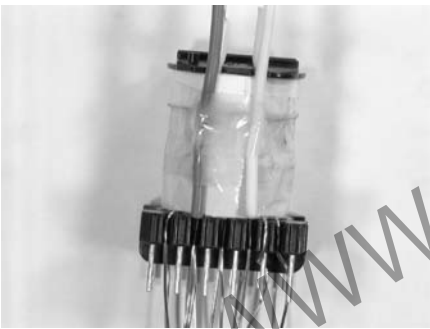
1.切開 tube 。



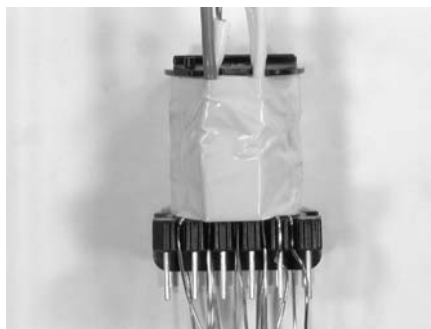
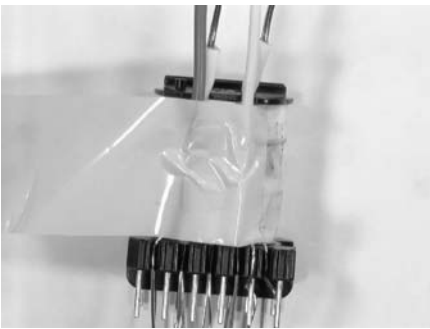
2.P5 回路卷始 在 2UEW0.6φ 放 tube、從上 tuba 左溝進入、沿著 barrier tape、用 tape 固定。



3. P5 回路卷終 1T 卷、在卷終線放 tube，從上 tuba 右溝進入、用 tape 固定引出。



4.絕緣 tape 卷 1T 。



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6 . MATERIALS LIST :

ITEM	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE	
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.30mm Min.	√	E41429	SUMITOMO	
2	PIN	(2)	TINNED C.P WIRE φ1.0	√		WELL FORE	
3	CORE	(3)	FERRITE CORE EER35 DMR40	√		DMEGC	
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPY-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)	S693VF-1(W)	√	E55258	NIKKAN	
		(8)	S693VF-1(R)	√	E55258	NIKKAN	
8	EPOXY		6020H	√	E229633	WELLS	
9	VARNISH		TVB2180T	√	E83702	KYOCERA	
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