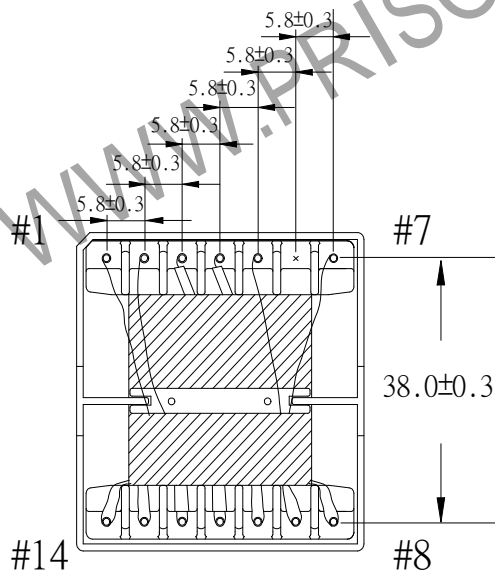
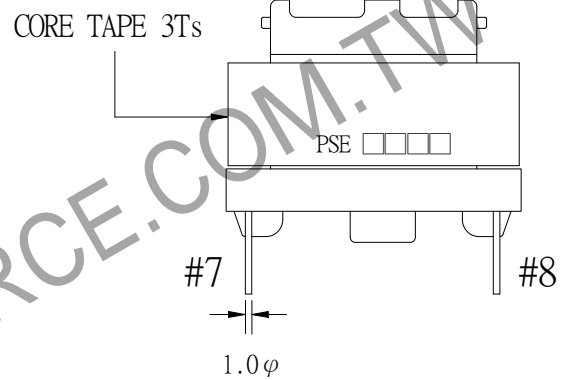
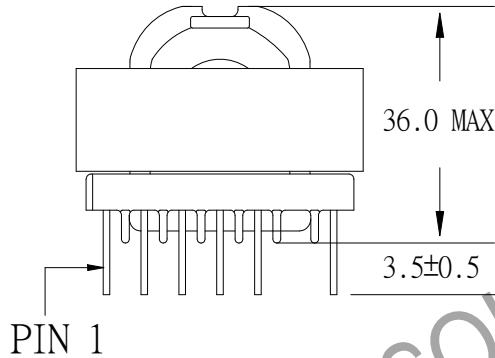
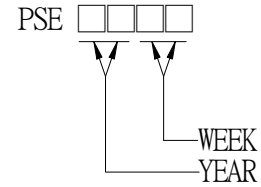
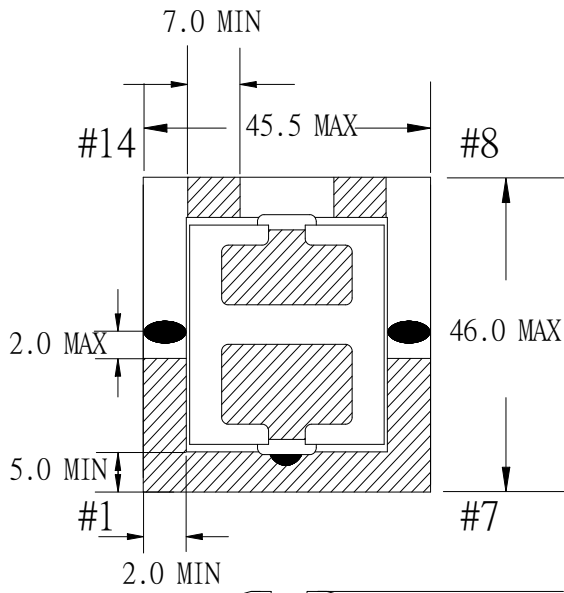
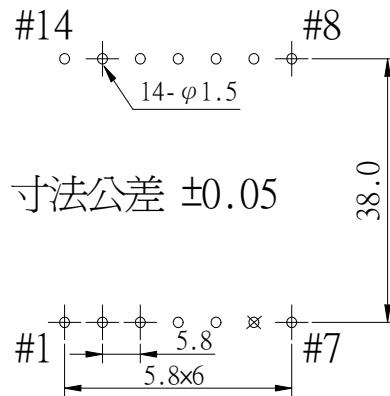


1. MECHANICAL & ASSEMBLY : NOTE:

1. PIN 6 NO.
2. EPOXY FIXED BETWEEN CORE & CORE (TTL:2 POINTS)
3. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-7 SIDE).
4. SOLDER POINT CAN'T BE OVER STANDOFF.



以下の治具に容易に挿入できること。



寸法公差 ±0.05

UNIT : mm

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	P1		3 - 4	0.10 $\phi$ /80C	35	1T/1T/1T/3Ts	#14	CLOSE
2	S1		11,12 - 8,9	0.10 $\phi$ /200C	6	1T	#12	BIFILAR, CLOSE
3	S2		9,10-13,14	0.10 $\phi$ /200C	6			
4	P3	~/1.5mm $\times$ 1T	2 - 1	TEX-E 0.30 $\phi$	1	1PC		CENTER CLOSE
5	P2		7 - 5	TEX-E 0.30 $\phi$	3	3Ts		SPACE

### NOTE:

1. S1 & S2 WIRE (0.10 $\phi$ /200C): 0.10 $\phi$ /50C $\times$ 4 根對絞，絞數：7Ts 以上/20cm
- 1-(2). 在進行 4 根對絞時(0.10 $\phi$ /50C),須注意絞線方向必須與原絞線同方向。
2. 每批需抽取 1PCS 進行線圈分解，對 S1&S2 絞線，進行絞數確認，結果記錄于線圈分解確認表內
3. 0.10 $\phi$ /80P TWISTED 45 $\pm$ 10 TWIST/M
4. 0.10 $\phi$ /50P TWISTED 60 $\pm$ 10 TWIST/M

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0V <sub>rms</sub>	LEAKAGE INDUCTANCE 1.0 KHz, 1.0V <sub>rms</sub>	VOLTAGE RATIO(V) f= 20KHz	DCR MAX. AT 25 $^{\circ}$ C
3 - 4	394.0 uH $\pm$ 10%	107.0 uH $\pm$ 10%	INPUT 1V <sub>rms</sub>	85.0 m $\Omega$
11,12 - 8,9		SHORT	0.1502V <sub>rms</sub> $\pm$ 4.0%	7.5 m $\Omega$
9,10 - 13,14		SHORT	0.1504V <sub>rms</sub> $\pm$ 4.0%	7.5 m $\Omega$
2 - 1			0.0251V <sub>rms</sub> $\pm$ 7.0%	50.0 m $\Omega$
7 - 5			0.0759V <sub>rms</sub> $\pm$ 5.0%	105.0 m $\Omega$

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

PRI	TO	SEC	4800 VAC
PRI	TO	CORE	4800 VAC
SEC	TO	CORE	2160 VAC

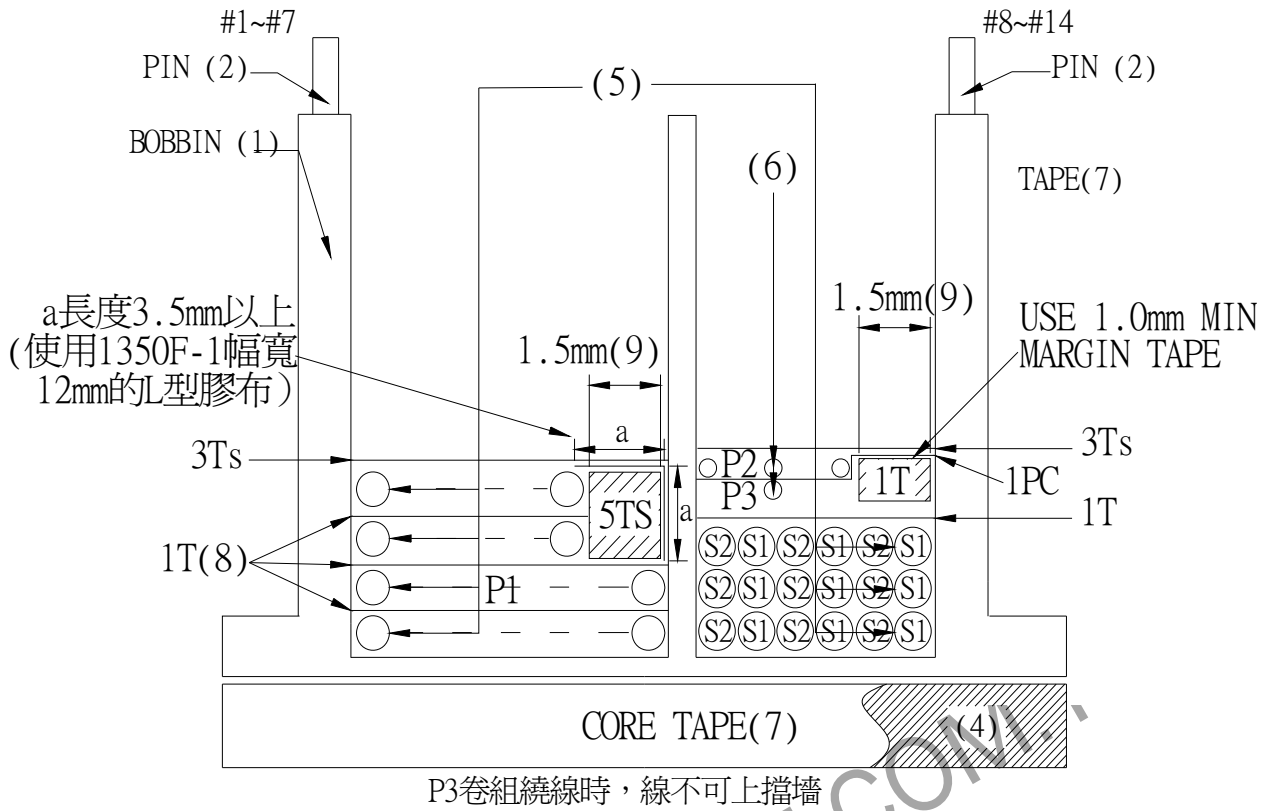
INSULATION RESISTANCE: (AT DC 500V)

PRI	TO	SEC	100 M $\Omega$ MIN.
PRI	TO	CORE	100 M $\Omega$ MIN.
SEC	TO	CORE	100 M $\Omega$ MIN.

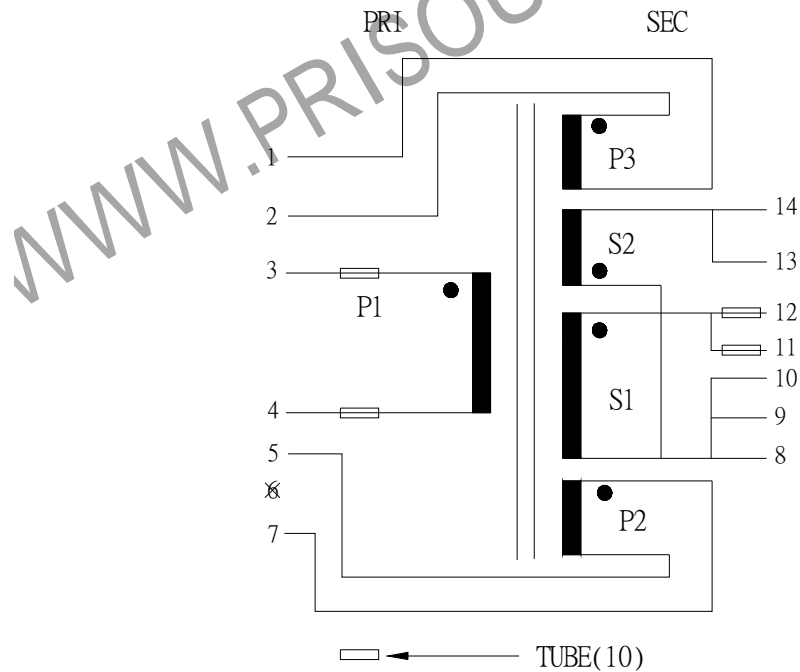
IMPULSE TEST :1200V -P(3 - 4)

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#### 4. WINDING SEQUENCE:



#### 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:0.71mm Min. ETD-4412	√	E41429	SUMITOMO HO JINN
2	PIN	(2)	TINNED C.P WIRE φ1.0	√		
3	CASE	(3)	PHENOLIC (PET FR530) Thickness:0.45mm Min. ETD-4412-1	√	E41938	E I DUPONT
4	CORE	(4)	FERRITE CORE  ETD44/45/15 TP4A	√		TDG
5	COPPER WIRE	(5)	POLYURETHANE (1UEW,2UEW) TYPU-130 MW75-C	√	E197768	HENG YA
		(6)	TEX-E	√	E206440	FURUKAWA
6	MYLAR TAPE	(7)	POLYESTER FILM #1350F-1	√	E17385	3M
		(8)	#1350F-2 COLOR:YELLOW			
7	MARGIN TAPE	(9)	COMPOSITE FILM #44T-A	√	E17385	3M
8	TUBE	(10)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
9	EPOXY		6020H	√	E229633	WELLS
10	VARNISH		TVB2180T	√	E83702	KYOCERA

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