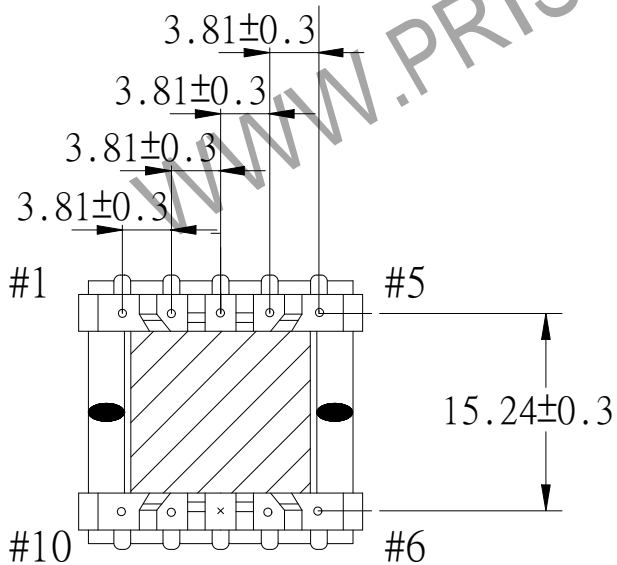
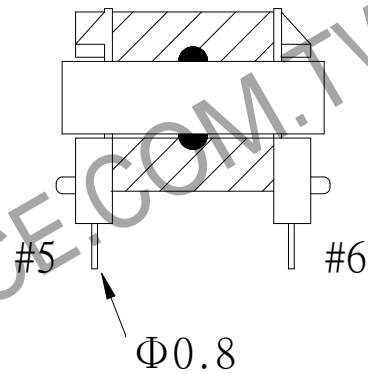
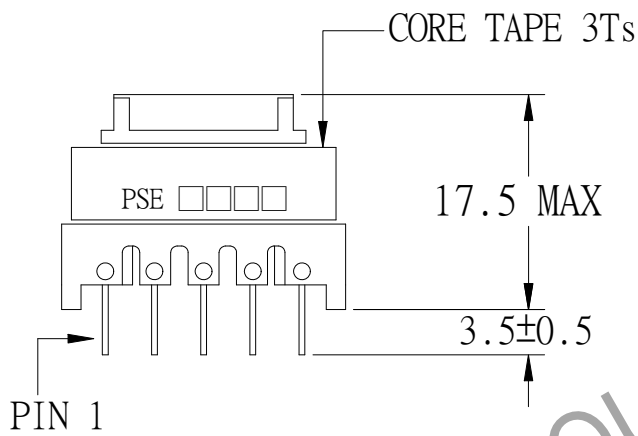
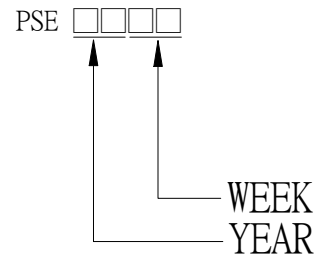
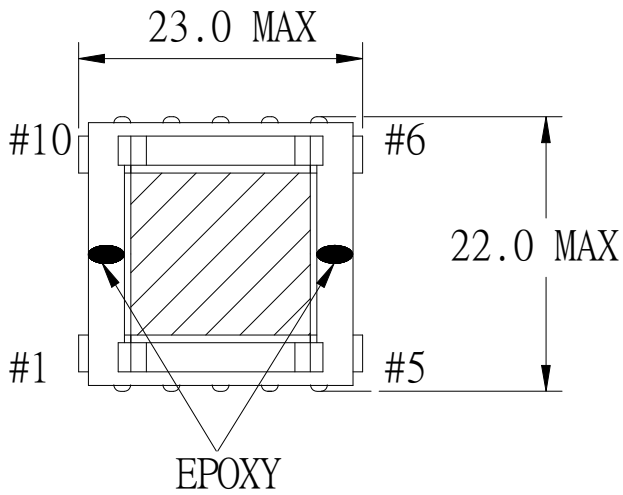


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. PIN 8 NO.
2. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED BETWEEN BOBBIN & CORE.(PIN 1-5 SIDE ONE POINT).

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	W1-1		2 - 1	0.40 $\phi$ x2	13	1T		CLOSE
2	W2		5 - 4	0.40 $\phi$	6	2Ts		SPACE
3	W3		6 - 7	0.40 $\phi$ x3	2	2Ts		BIFILAR ,SPACE
4	W4		9 - 10	0.40 $\phi$ x3	2			
5	W1-2		3 - 2	0.40 $\phi$ x2	17	2Ts		CLOSE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1 KHz, 1.0 Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX. AT 25°C
3 - 1	240.0 uH $\pm$ 10%		INPUT 1 Vrms	100.0 m $\Omega$ MAX.
2 - 1			0.4300Vrms $\pm$ 4.0%	40.0 m $\Omega$ MAX.
5 - 4			0.1991Vrms $\pm$ 4.0%	41.0 m $\Omega$ MAX.
6 - 7			0.0665Vrms $\pm$ 5.0%	7.0 m $\Omega$ MAX.
9 - 10			0.0665Vrms $\pm$ 5.0%	7.0 m $\Omega$ MAX.
3 - 2			0.5703Vrms $\pm$ 3.0%	65.0 m $\Omega$ MAX.

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

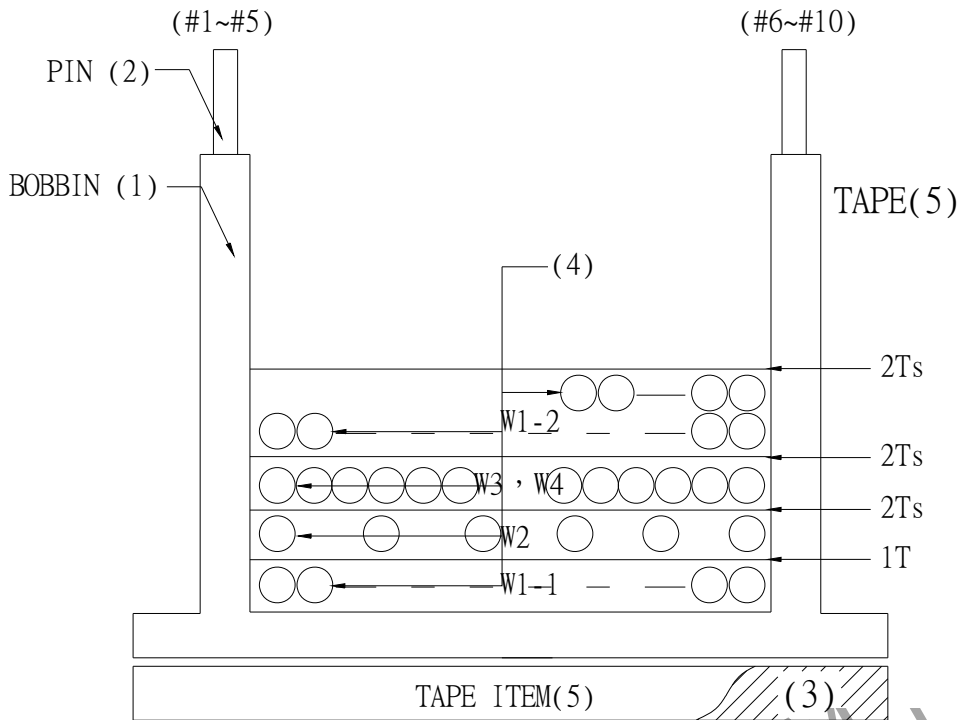
PRI. TO SEC. 1500 VAC  
 PRI. TO CORE 1500 VAC  
 SEC. TO CORE 1500 VAC

INSULATION RESISTANCE :(AT DC500V)

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

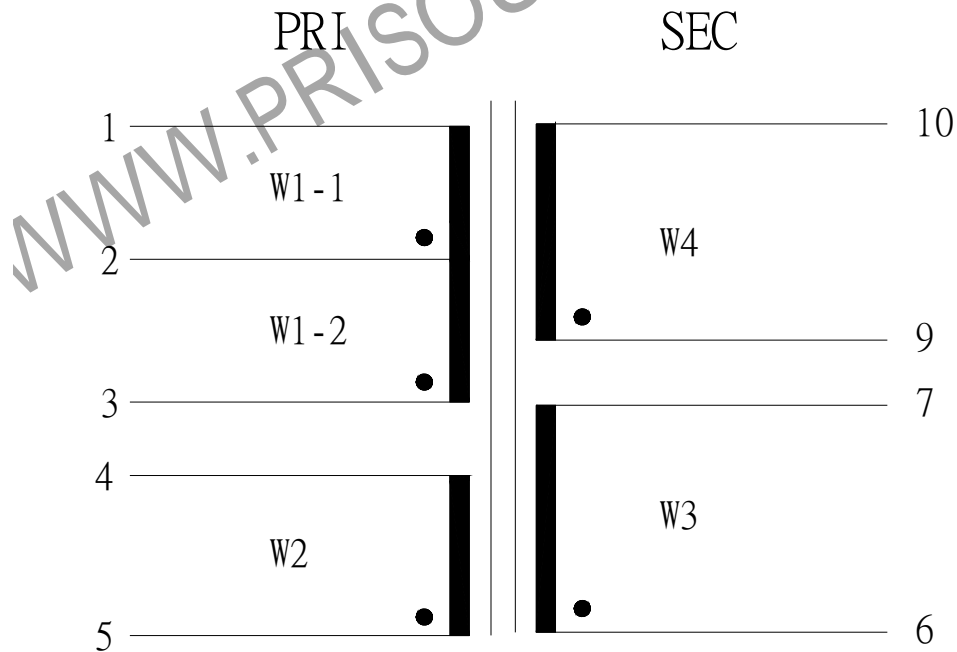
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#### 4. WINDING SEQUENCE:



W1-1, W2, W1-2 WINDING FROM PIN 1-5 SIDE  
 W3, W4 WINDING FROM PIN 6-10 SIDE

#### 5. SCHEMATIC:



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6 . MATERIAL LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.30mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	PHOSPHOR BRONZE φ0.8	√		PIN SHINE
3	CORE	(3)	FERRITE CORE EF20 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEWF) MW79C TY1700-U155	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM 1318-1 Y	√	E17385	3M
6	EPOXY		6020H	√	E229633	WELLS
7	VARNISH		TVB2180T	√	E83702	KYOCERA

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