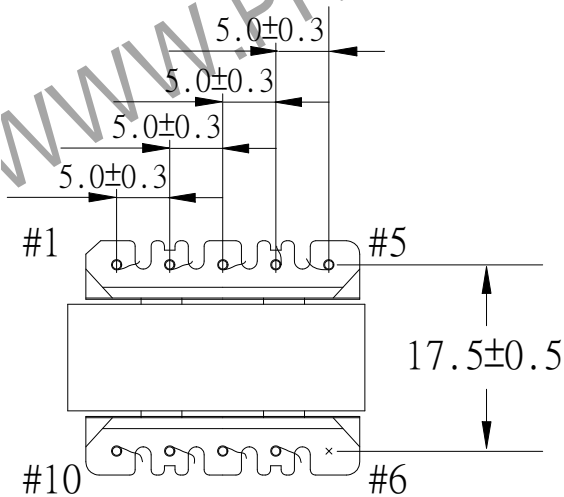
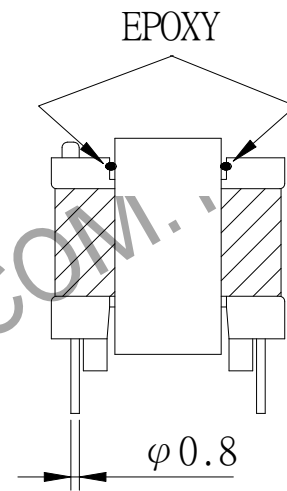
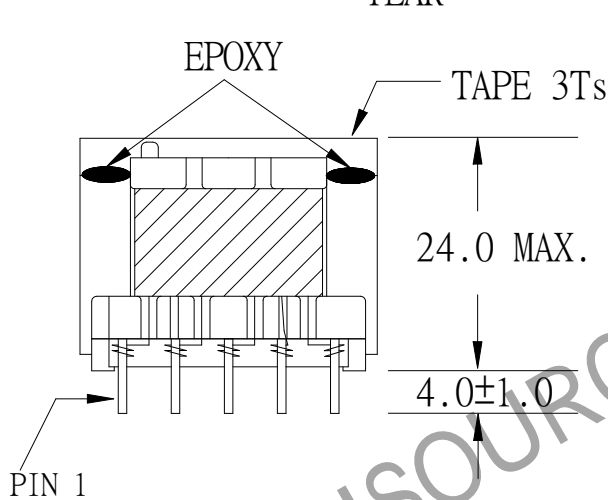
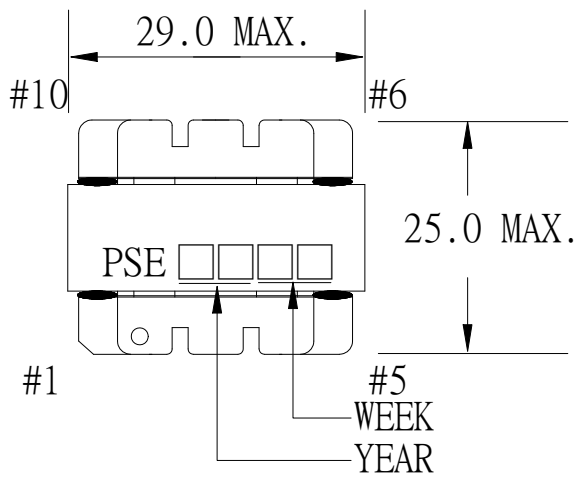


1. MECHANICAL & ASSEMBLY :



NOTE:

1. PIN 6 NO.
2. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
3. THE DISTANCE IS 2.0mm MIN BETWEEN LEADING WIRE(PIN 3) AND LEADING WIRE(PIN4)

UNIT : m/ m

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD	TUBE
1	P1		1 - 2	0.25 $\phi$	50	1T/3Ts	CLOSE	
2	S1	1.5 mm /~ $\times$ 5Ts	7 - 8	0.45 $\phi$ $\times$ 2	20	1T/1T/1T	CLOSE	
3	S2	1.5 mm /~ $\times$ 1T	9 - 10	0.20 $\phi$	20	3Ts	SPACE	
4	P2	1.5 mm /~ $\times$ 1T	4 - 5	0.20 $\phi$	6	2Ts	SPACE	
5	P1'	1.5 mm /~ $\times$ 2Ts	2 - 3	0.25 $\phi$	50	1T/3Ts	CLOSE	#24

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0V <sub>rms</sub>	LEAKAGE INDUCTANCE KHz, V <sub>rms</sub>	VOLTAGE RATIO(V) f= 20KHz INPUT 1V <sub>rms</sub>	DCR MAX. AT 25°C
1 - 3	2.5mH $\pm$ 10%			
1 - 2			0.4904V <sub>rms</sub> $\pm$ 4.0%	1.02 $\Omega$
7 - 8			0.1995V <sub>rms</sub> $\pm$ 4.0%	74.0m $\Omega$
9 - 10			0.2011V <sub>rms</sub> $\pm$ 4.0%	0.82 $\Omega$
4 - 5			0.0605V <sub>rms</sub> $\pm$ 5.0%	0.27 $\Omega$
2 - 3			0.5093V <sub>rms</sub> $\pm$ 3.0%	1.45 $\Omega$

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

PRI TO SEC 1800 VAC

PRI TO CORE 1800 VAC

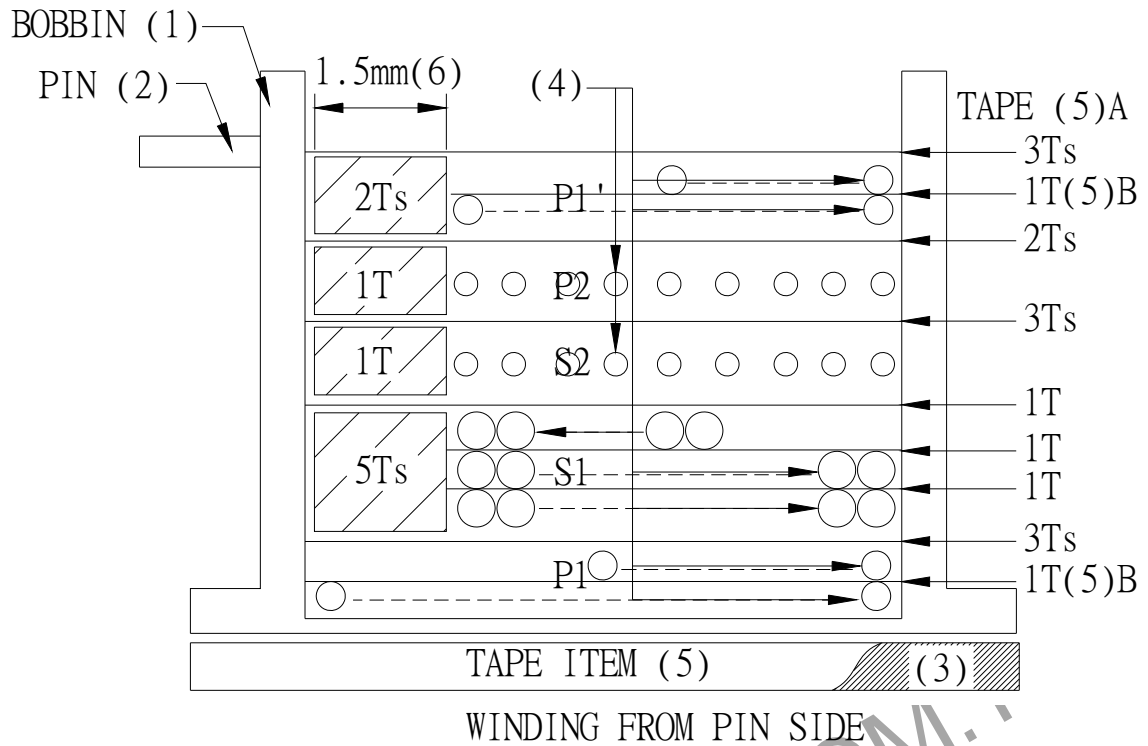
INSULATION RESISTANCE: (AT DC 500V)

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

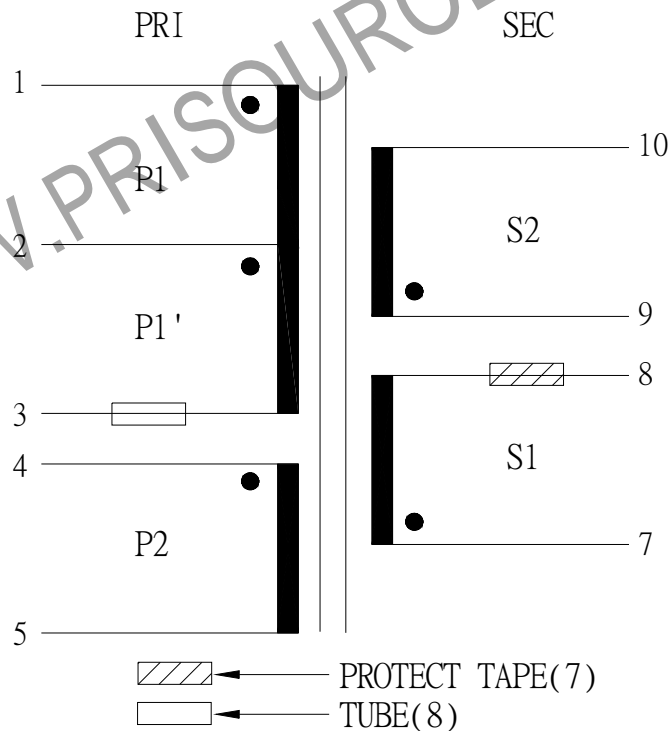
PRI TO CORE. 100 M $\Omega$  MIN.

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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 (T375J) Thickness:0.80mm Min. P-2807	√	E59481	CHANG CHUN
2	PIN	(2)	TINNED C.P WIRE φ0.8	√		
3	CORE	(3)	FERRITE CORE  EI-28 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEW) TYPU-130 MW75-C	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM A:#1318-1 25um(Y) B:#1318-1(2L) 50um(Y)	√	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44D-A	√	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	√	E17385	3M
8	TUBE	(8)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
9	EPOXY		6020H	√	E229633	WELLS
10	VARNISH		TVB2180T	√	E83702	KYOCERA

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