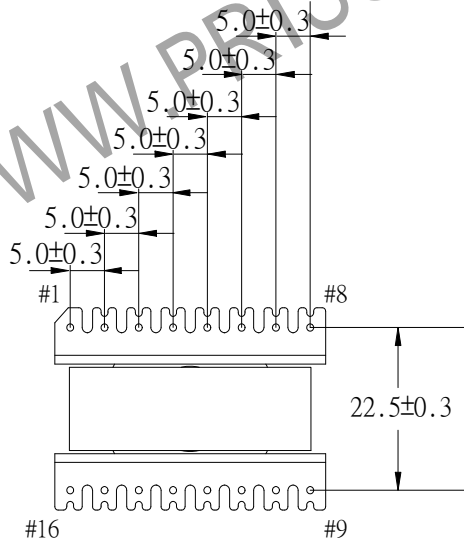
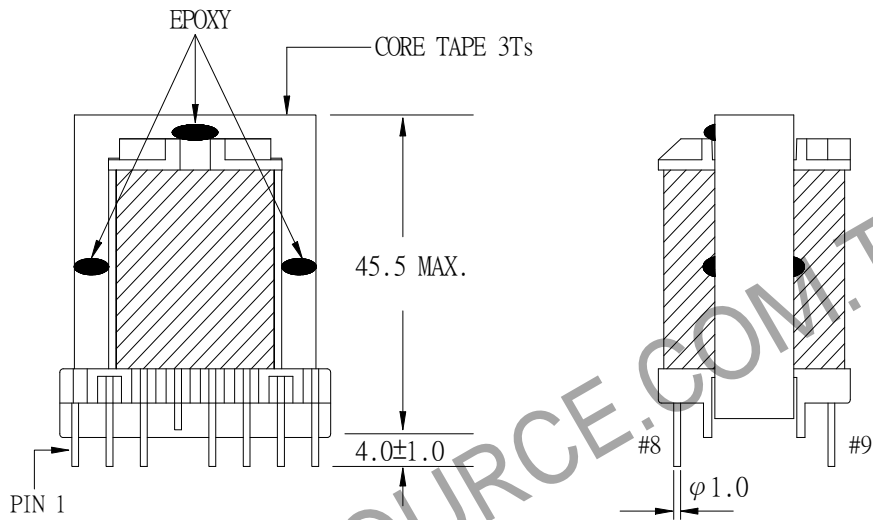
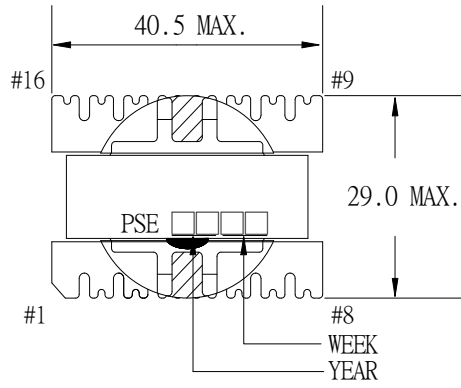


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) POXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-8 SIDE).
2. PIN 4 CUT SHORTER AFTER SOLDERING

UNIT : m/m

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	NP1	4.0mm/4.0mm×1T	3 - 4	0.30 $\phi$ ×2	25	#20/#20	3Ts	SPACE
2	NS1	4.0mm/4.0mm×2Ts	13,14 - 15,16	0.10 $\phi$ /80C×2	3	#15/#15	3Ts	SPACE
3	NS2	4.0mm/4.0mm×2Ts	11 - 10,12	0.75 $\phi$ ×2	9	#15/#18	3Ts	SPACE
4	NS3	4.0mm/4.0mm×2Ts	10,12 - 9	0.75 $\phi$ ×2	9	#18/#15	3Ts	SPACE
5	NP2	4.0mm/4.0mm×1T	4 - 5	0.30 $\phi$ ×2	25	#20/#20	3Ts	SPACE
6	NG1	4.0mm/4.0mm×1T	7 - 8	0.10 $\phi$	1	#26/#26	3Ts	CLOSE Center
7	NB1	4.0mm/4.0mm×1T	2 - 1	0.10 $\phi$	13	#26/#26	3Ts	CLOSE Center

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) F= 20KHz	DCR MAX. AT 25°C
3 - 5	769.0uH ±10%		INPUT 1 Vrms	0.45 $\Omega$
3 - 4			0.4936 Vrms±4.0%	175.0 m $\Omega$
13,14 - 15,16			0.0593 Vrms±5.0%	4.3 m $\Omega$
11 - 10,12			0.1796 Vrms±4.0%	15.5 m $\Omega$
10,12 - 9			0.1805 Vrms±4.0%	17.2 m $\Omega$
4 - 5			0.5058 Vrms±3.0%	0.27 $\Omega$
7 - 8			0.0201 Vrms±7.0%	0.32 $\Omega$
2 - 1			0.2619 Vrms±4.0%	2.8 $\Omega$

HI-POT TEST :(AT 1 mA ,3 SEC )

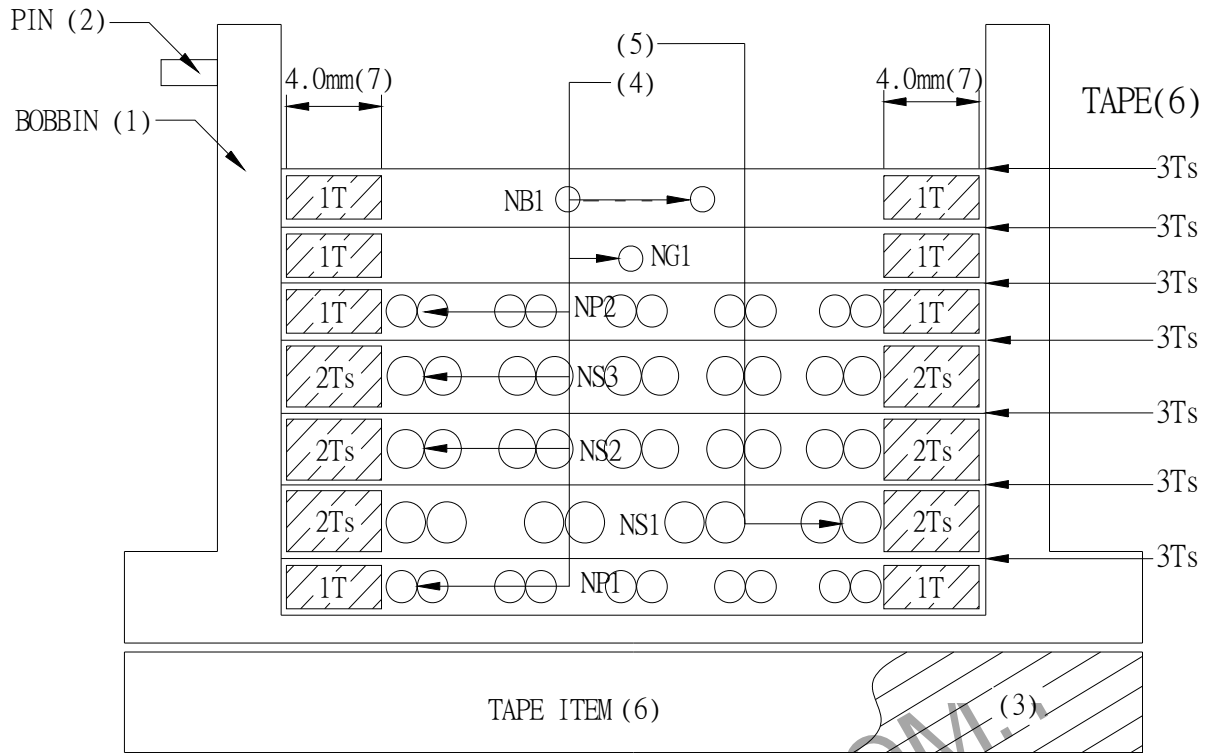
PRI.	TO	SEC.	3750 VAC
SEC.	TO	CORE	3750 VAC
PRI.	TO	CORE	3750 VAC

INSULATION RESISTANCE:(AT DC 500V)

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

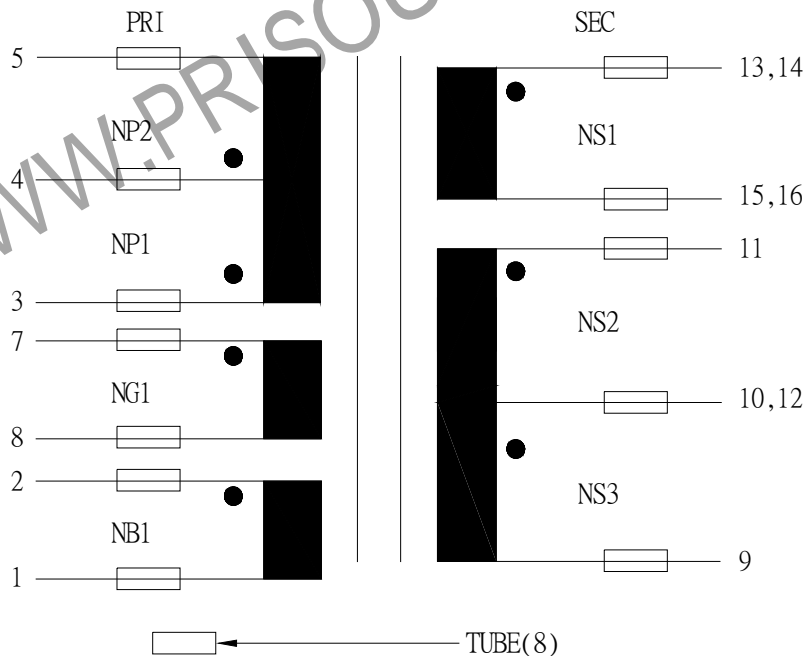
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#### 4. WINDING SEQUENCE :



NP1, NP2, NG1, NB1 WINDING FROM PIN 1-8 SIDE  
NS1, NS2, NS3 WINDING FROM PIN 9-16 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)	TINNED C.P WIRE 1.0 φ	√		WELL FORE
3	CORE	(3)	FERRITE CORE  EER36/43/11 TP4 CORE GAP : 0.44mm	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW-75C	√	E197768	HENG YA
		(5)	POLYURETHANE (USTC) LZ-UEWFB& MW75-C	√	E197768	HENG YA
5	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 Y	√	E17385	3M
6	MARGIN TAPE	(7)	COMPOSITE FILM #44T-A	√	E17385	3M
7	TUBE	(8)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
8	EPOXY		6020H	√	E229633	WELLS
9	VARNISH		TVB2180T	√	E83702	KYOCERA
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