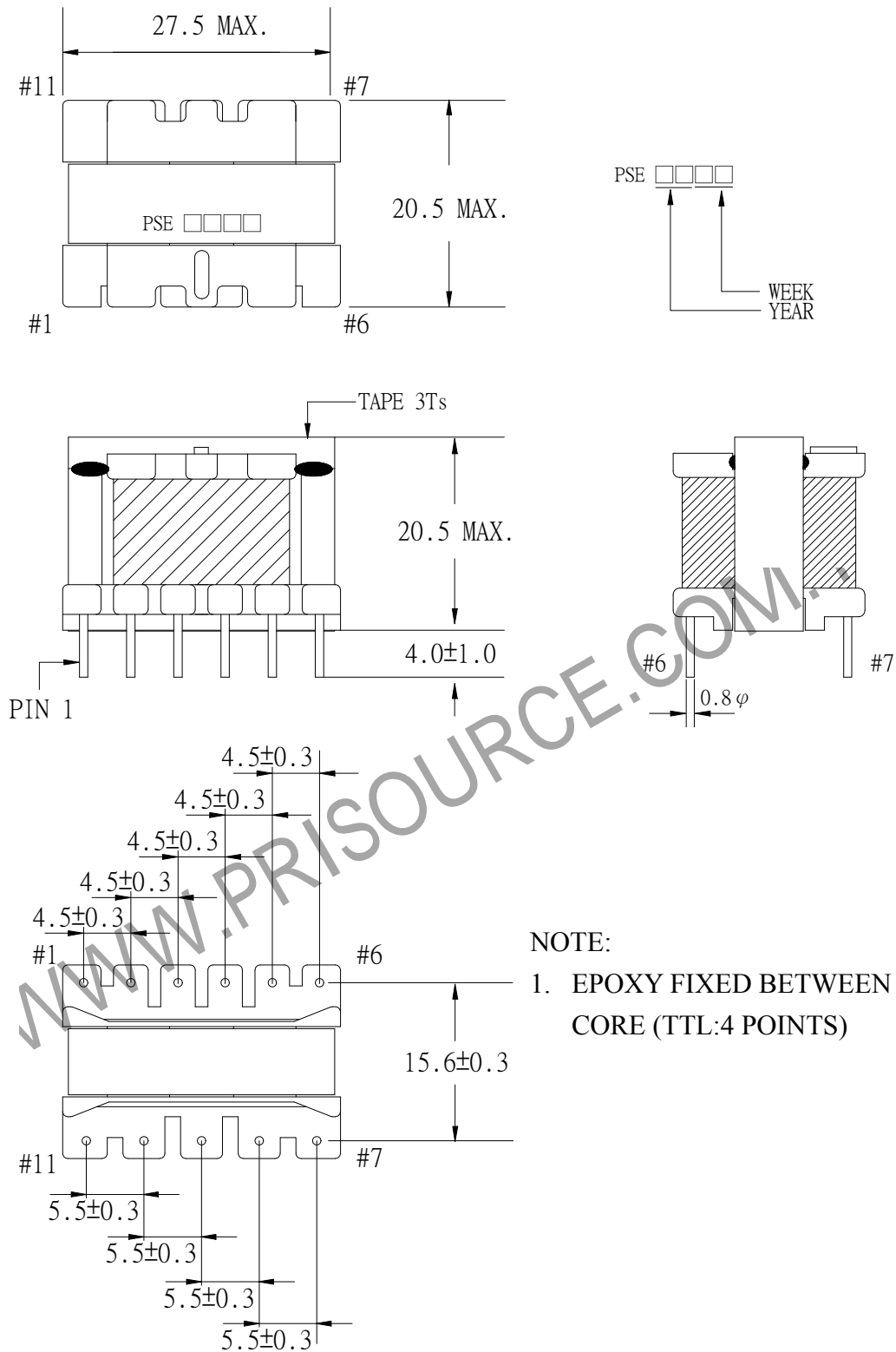


# 1. MECHANICAL & ASSEMBLY :



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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	NP1	2.0/1.5mmx3Ts	6 - 5	0.50φ	12	2Ts		CLOSE
2	NS1	2.0/1.5mmx3Ts	10 - 8	0.50φ	12	2Ts		CLOSE
3	NP2	2.0/1.5mmx3Ts	5 - 4	0.50φ	12	2Ts		CLOSE
4	NS2	2.0/1.5mmx3Ts	11 - 7	0.50φ	12	2Ts		CLOSE
5	NP3	2.0/1.5mmx3Ts	4 - 3	0.50φ	12	2Ts		CLOSE
6	NS3	3.0/3.0mmx1T	8 - 9	0.18φ	18	2Ts		CLOSE
7	NB1	3.0/3.0mmx1T	1 - 2	0.18φ	18	3Ts		CLOSE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) f= 20KHz INPUT 1Vrms	DCR MAX. AT 25°C
6 - 3	266 uH ± 10%			
6 - 5			0.3300Vrms±4.0%	50.0 mΩ
10 - 8			0.3315Vrms±4.0%	55.0 mΩ
5 - 4			0.3347Vrms±4.0%	63.0 mΩ
11 - 7			0.3353Vrms±4.0%	67.0 mΩ
4 - 3			0.3362Vrms±4.0%	75.0 mΩ
8 - 9			0.5062Vrms±3.0%	0.90 Ω
1 - 2			0.5048Vrms±3.0%	0.95 Ω

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

PRI TO SEC 1200 VAC

PRI TO CORE 1200 VAC

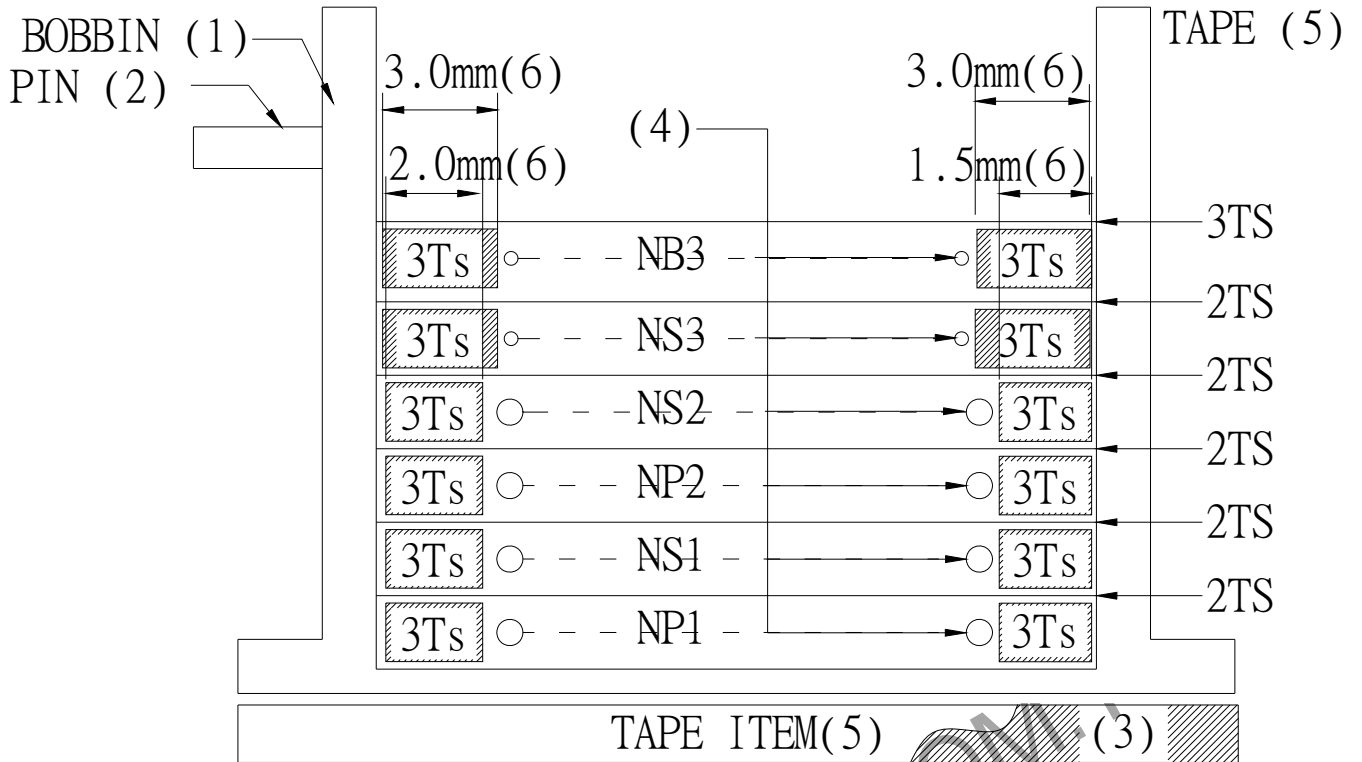
SEC TO CORE 1200 VAC

INSULATION RESISTANCE: (AT DC 500V)

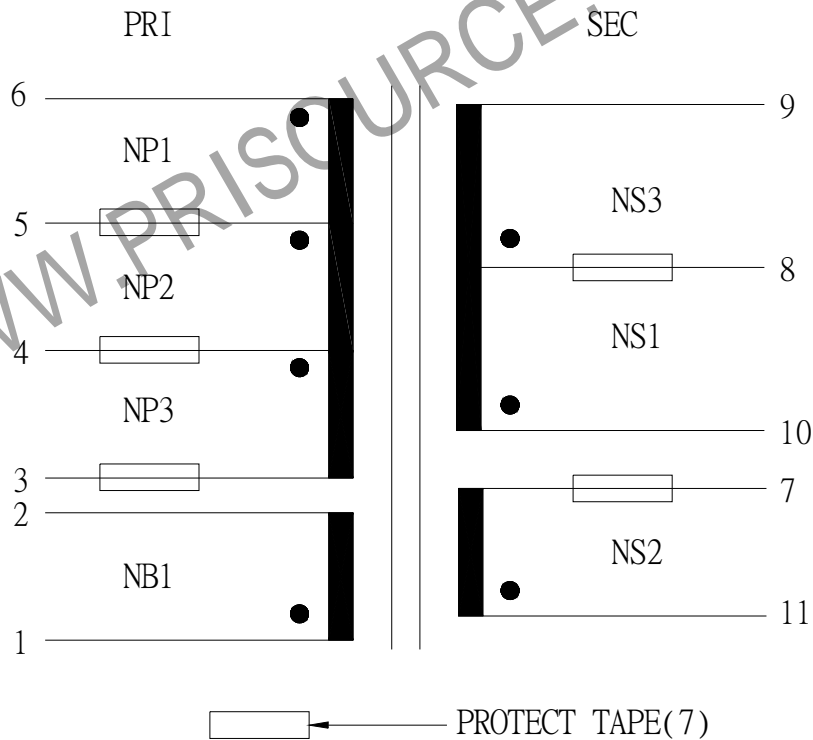
PRI TO SEC > 1 MΩ MIN

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#### 4. WINDING SEQUENCE:



#### 5. SCHEMATIC:



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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 φ0.8	√		WELL FORE
3	CORE	(3)	FERRITE CORE EI25 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW75-C	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1 Y	√	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44D-A	√	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	√	E17385	3M
8	EPOXY		6020H	√	E229633	WELLS
9	VARNISH		TVB2180T	√	E83702	KYOCERA
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