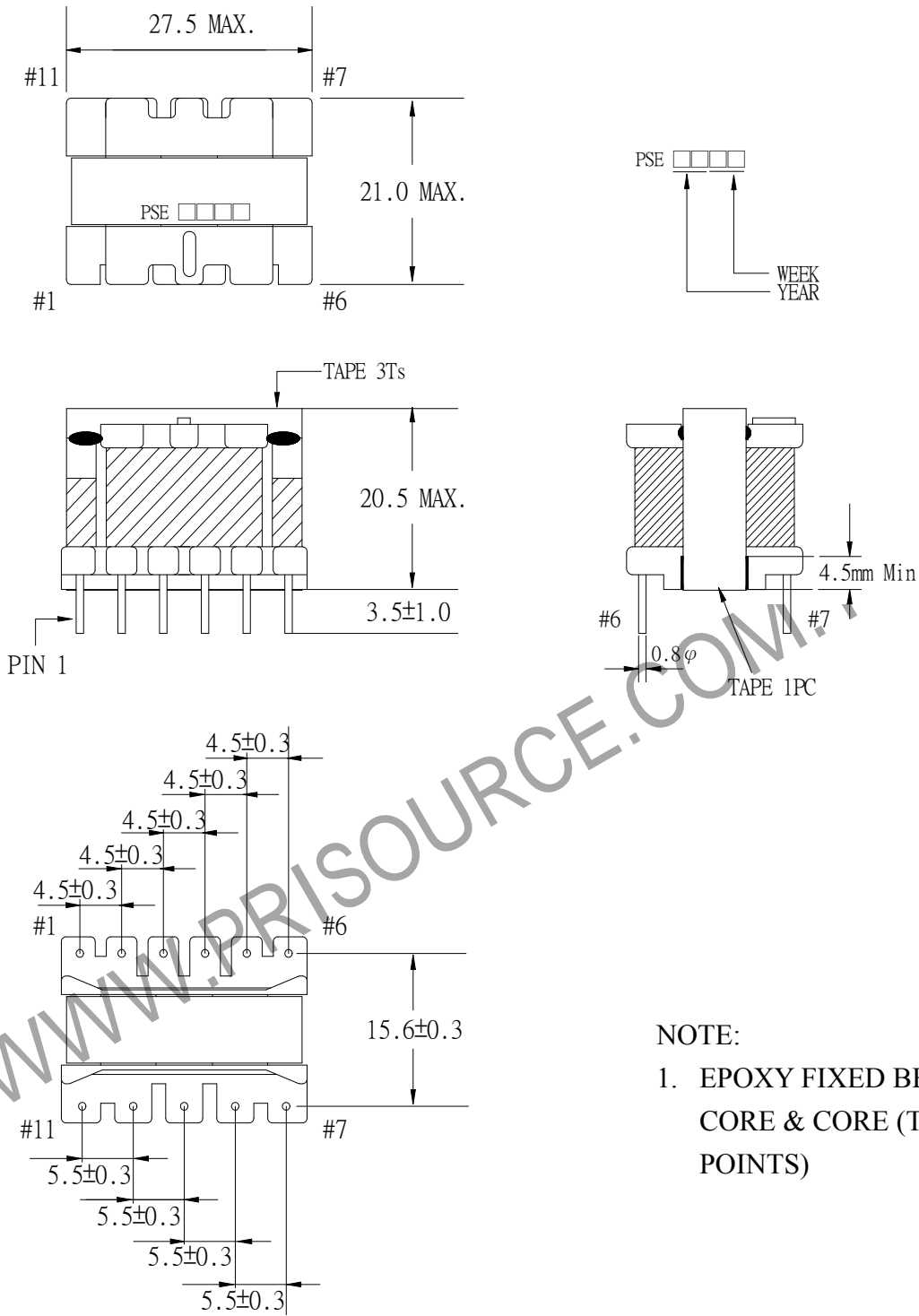


# 1. MECHANICAL & ASSEMBLY :



**NOTE:**

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)

UNIT : mm

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## 2. WINDING CONFIGURATION :

STE	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	NP1	~/4.5mm×2Ts	1 - 2	0.22φ	41	3Ts	Φ0.6/Φ0.6	CLOSE
2	NS1		10 - 7	TEX-E 0.55φ	8	3Ts		SPACE
3	NP2	~/4.5mm×2Ts	2 - 3	0.22φ	41	3Ts	Φ0.6/Φ0.6	CLOSE
4	NS2		11 - 8	TEX-E 0.55φ	8	3Ts		SPACE
5	NB2	~/4.5mm×1T	5 - 4	0.18φ	15	1T	Φ0.6/Φ0.6	SPACE
6	NB1	~/4.5mm×1T	4 - 6	0.18φ	35	3Ts	Φ0.6/Φ0.6	CLOSE SPACE

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
1 - 3	1.50mH ±10%		INPUT 1 Vrms	1.85 Ω
1 - 2			0.4948Vrms±4.0%	0.80 Ω
10 - 7			0.0983Vrms±4.0%	31.0mΩ
11 - 8			0.0982Vrms±4.0%	38.0mΩ
5 - 4			0.1830Vrms±4.0%	0.68 Ω
4 - 6			0.4250Vrms±4.0%	1.65 Ω

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

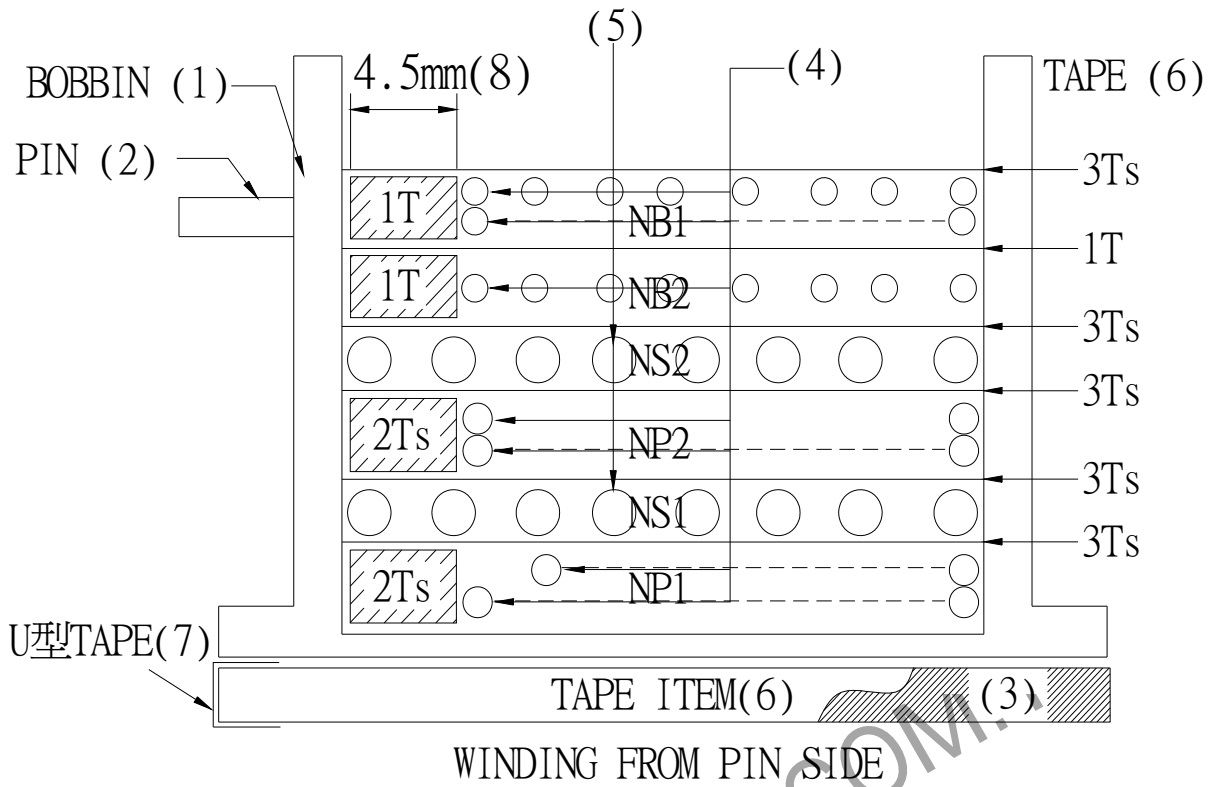
PRI. TO SEC. 3750 VAC  
 SEC. TO CORE. 3750 VAC  
 PRI. TO CORE. 3750 VAC

INSULATION RESISTANCE:(AT DC 500V)

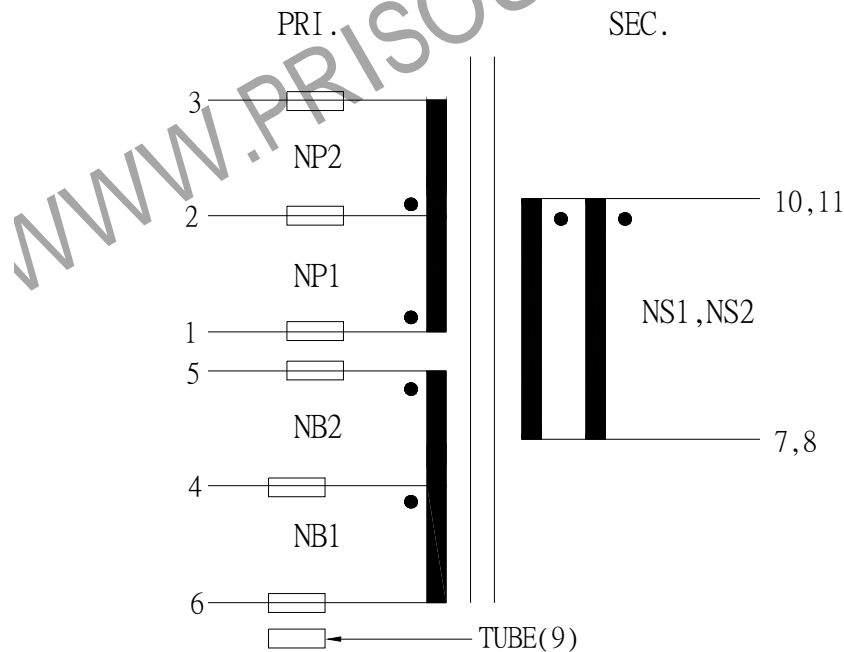
PRI. TO SEC. 50 MΩ MIN.

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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 (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 CORE GAP: 0.24mm	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPYU-130 MW75-C	√	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-E	√	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 (Y)	√	E17385	3M
		(7)	POLYESTER FILM #1318-1 2L (Y)	√	E17385	3M
7	MARGIN TAPE	(8)	COMPOSITE FILM #44T-A	√	E17385	3M
8	TUBE	(9)	SILICON TUBE RSU-1	√	E67922	NISSEI
9	EPOXY		6020H	√	E229633	WELLS
10	VARNISH		TVB2180T	√	E83702	KYOCERA

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