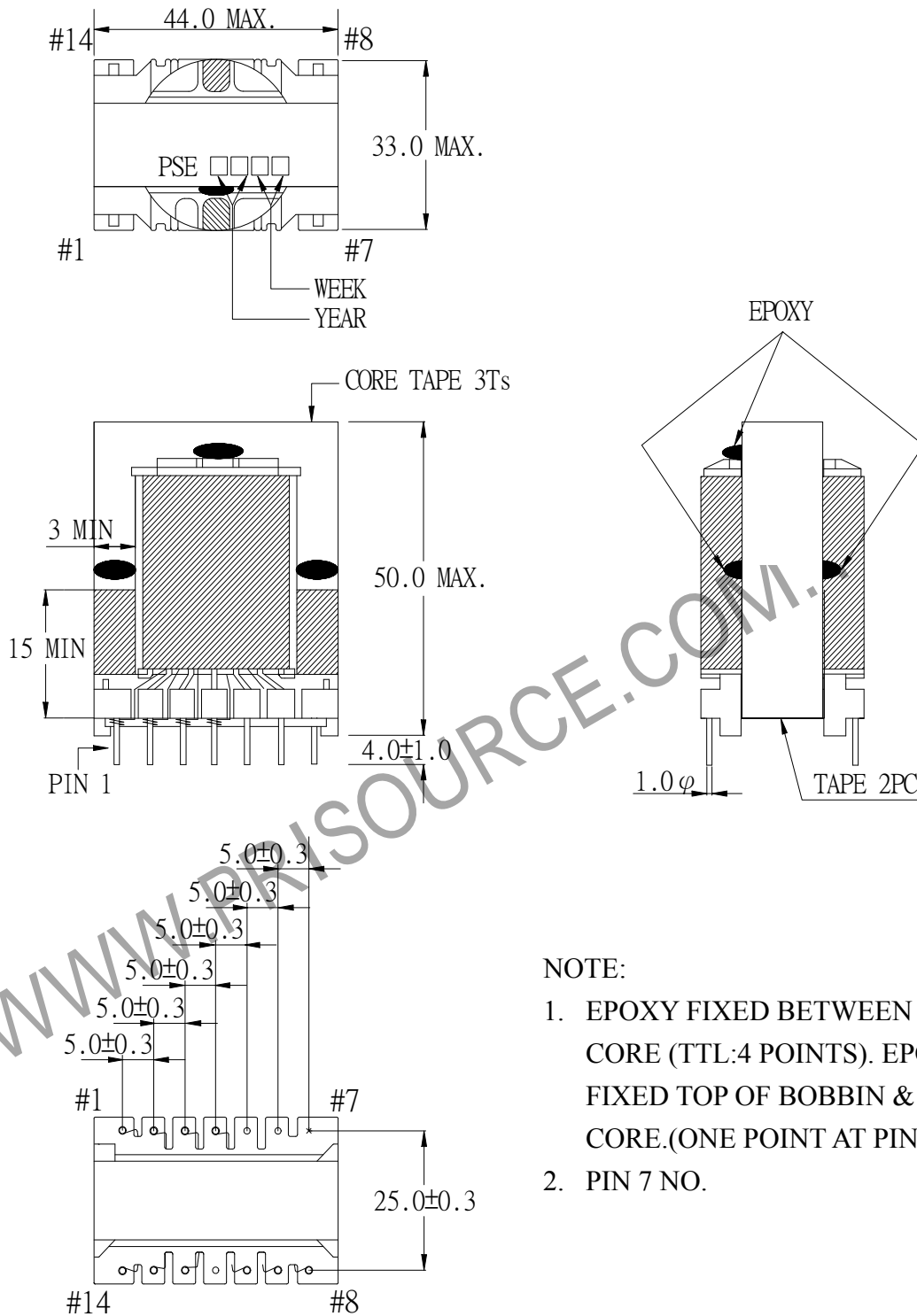


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-7 SIDE).
2. PIN 7 NO.

UNIT : m/ m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER	METHOD
1	NP1	2.0mm/2.0mm×2Ts	4 - 3	TEX-E 0.6φ×2	13	2Ts	CLOSE
2	NS1	2.0mm/1.5mm×7Ts	8,9,10 - 12,13,14	1.1φ×3	12	1T/2Ts	CLOSE
3	NP1'	2.0mm/2.0mm×2Ts	2 - 1	TEX-E 0.6φ×2	13	3Ts	CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1 KHz, 1Vrms	INDUCTANCE 100KHz, 1Vrms+DC10A	VOLTAGE RATIO(V) f= 20KHz	DCR MAX. AT 25°C
4 - 1	1.89mH MIN		INPUT 1 Vrms	
8,9,10- 12,13,14			0.4615Vrms±3.0%	10.0 mΩ
2 - 1			0.5000Vrms±2.0%	40.0 mΩ
4 - 3				30.0 mΩ
2,3	SHORT		SHORT	

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

PRI. TO SEC. 3960 VAC

PRI. TO CORE 3960 VAC

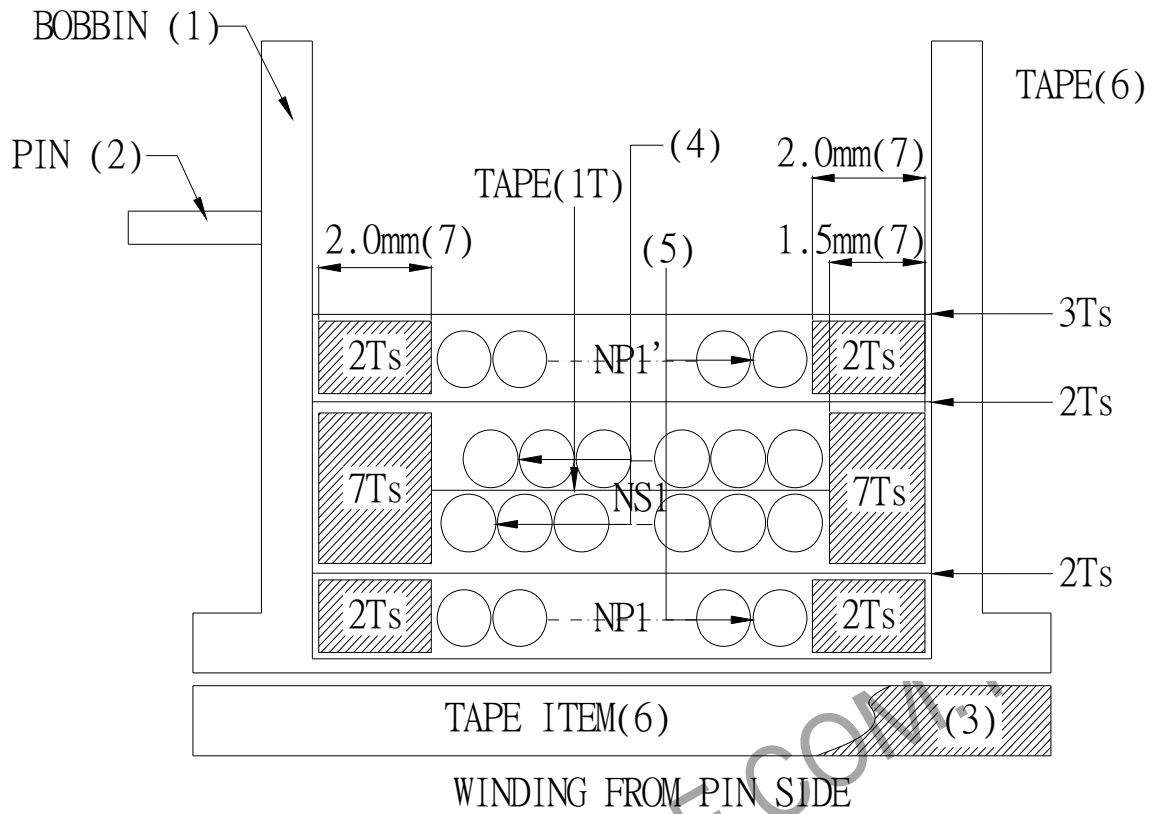
INSULATION RESISTANCE: (AT DC 500V)

PRI. TO SEC. 100 MΩ MIN.

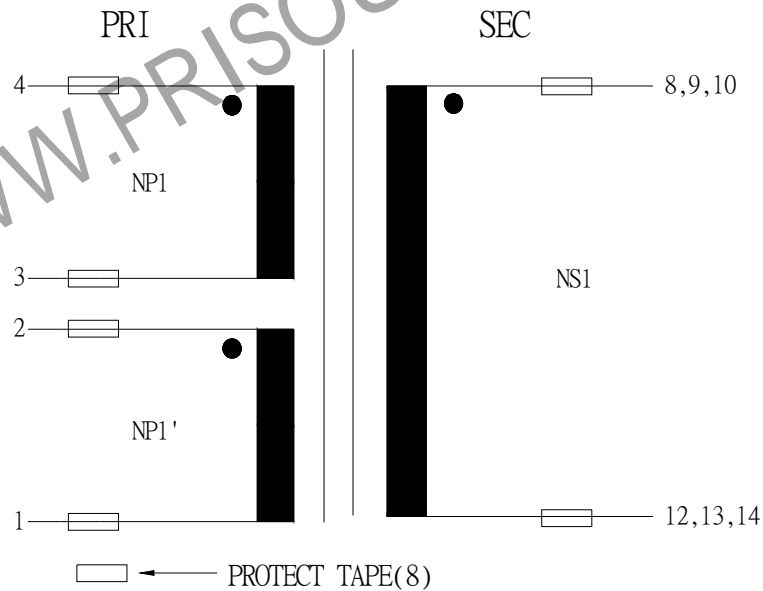
PRI. TO CORE. 100 MΩ MIN.

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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:0.60mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE φ1.0	√		WELL FORE
3	CORE	(3)	FERRITE CORE EER42 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-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	MARGIN TAPE	(7)	COMPOSITE FILM #44T-A	√	E17385	3M
8	PROTECT TAPE	(8)	COMPOSITE FILM #44-A	√	E17385	3M
9	EPOXY		6020H	√	E229633	WELLS
10	VARNISH		TVB2180T	√	E83702	KYOCERA

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