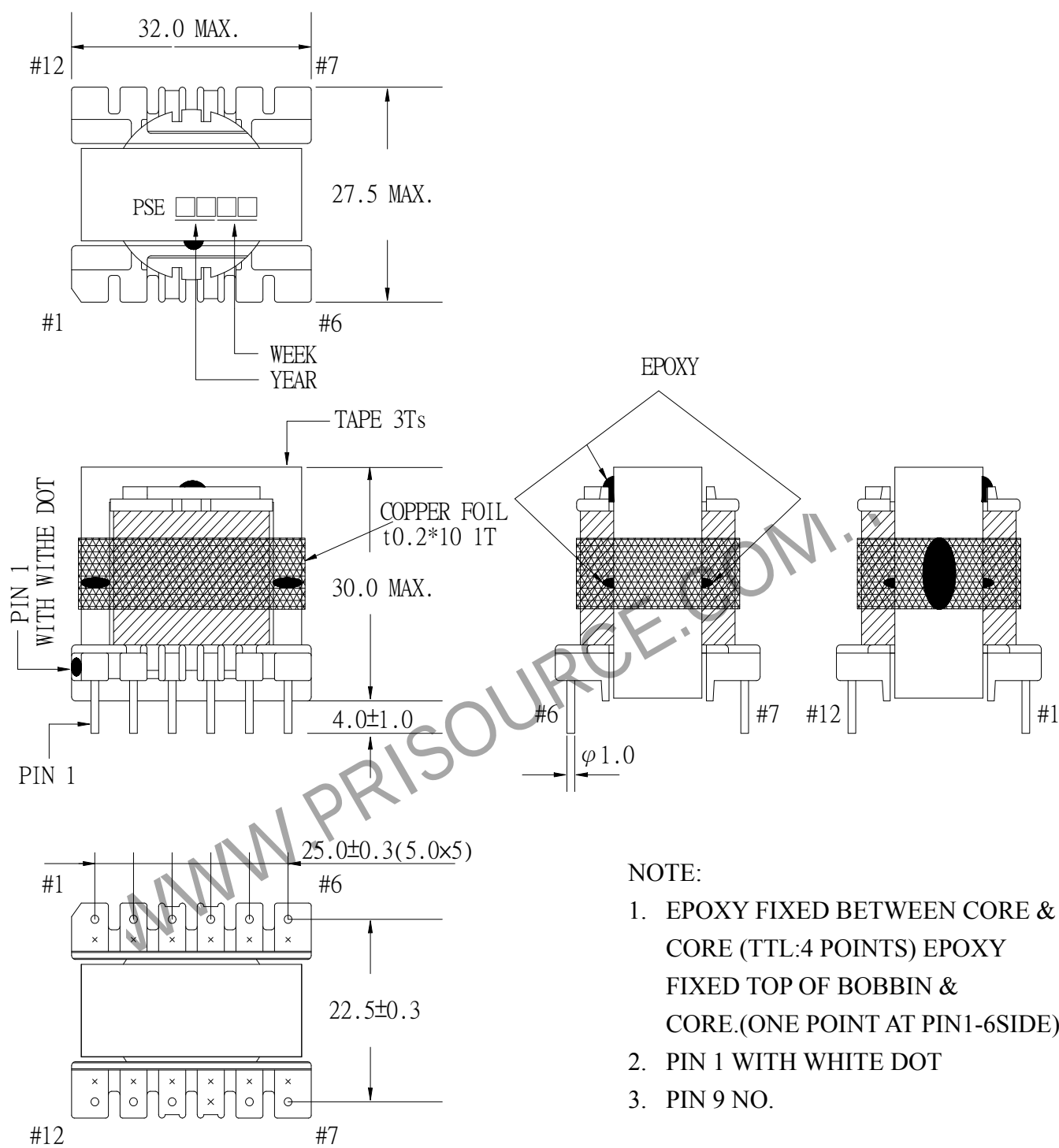


1. MECHANICAL & ASSEMBLY :



UNIT : mm

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2. WINDING CONFIGURATION:

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	P1-1		6 - 5	0.20 ϕ	54		1T	SPACE
2	S1		11 - 12	TEX-E 0.60 ϕ ×2	10		1T	CLOSE
3	P1-2		5 - 4	0.20 ϕ	54		1T	SPACE
4	P2		2 - 1	TEX-E 0.40 ϕ ×2	10		1T	SPACE
5	P1-3		4 - 3	0.20 ϕ	54		1T	SPACE
6	S2		11 - 10	TEX-E 0.20 ϕ ×2	18		1T	CLOSE
7	S3		7 - 8	TEX-E 0.20 ϕ ×2	14		2Ts	SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS:

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	INDUCTANCE 1.0KHz, 1.0 Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR (MAX) AT 25°C
6 - 3	4.1mH±10%		INPUT 1 Vrms	5.0 Ω
11 - 12			0.0614Vrms±5.0%	18.5m Ω .
2 - 1			0.0620Vrms±5.0%	47.5m Ω .
11 - 10			0.1123Vrms±4.0%	0.4 Ω .
7 - 8			0.0875Vrms±5.0%	0.5 Ω
6 - 5			0.3286Vrms±4.0%	1.5 Ω
5 - 4			0.3347Vrms±4.0%	1.8 Ω
4 - 3			0.3369Vrms±4.0%	2.5 Ω

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

PRI. TO SEC. 3600 VAC

SEC. TO SEC. 3000 VAC

PRI, SEC. TO CORE. 600 VAC

INSULATION RESISTANCE: (AT DC 500V)

PRI. TO SEC. 100 M Ω MIN.

PRI. TO CORE. 100 M Ω MIN.

SEC. TO CORE. 100 M Ω MIN.

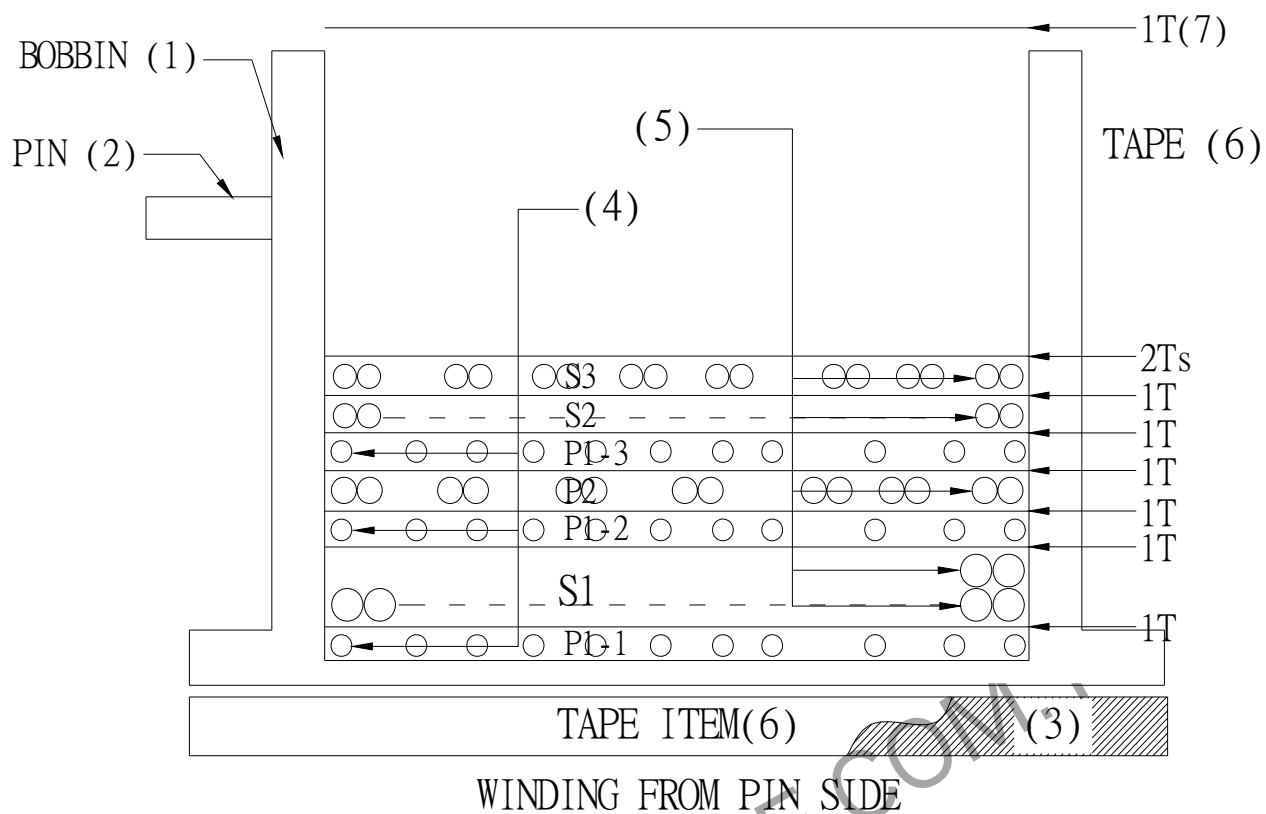
PRI. TO PRI. 100 M Ω MIN.

SEC. TO SEC. 100 M Ω MIN.

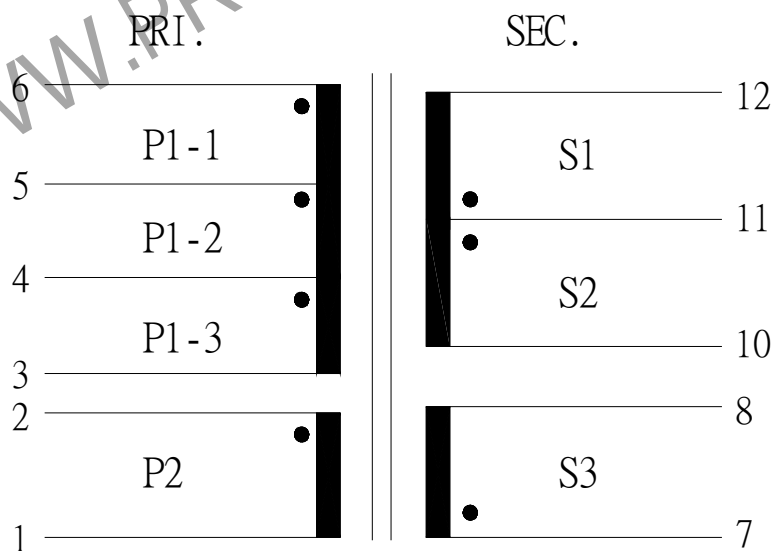
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4. WINDING SEQUENCE:



5. SCHEMATIC:



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6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC(T375J) Thickness:0.80mm Min.	✓	E59481	CHANG CHUN
2	PIN	(2)	TINNED COPPER WIRE φ 1.0	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EER28 (TP4)	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEW) TYPU-130 MW75-C	✓	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-E	✓	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM #1350F-1 Y	✓	E17385	3M
7	COPPER FOIL	(7)	t0.2×10	✓		
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA
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