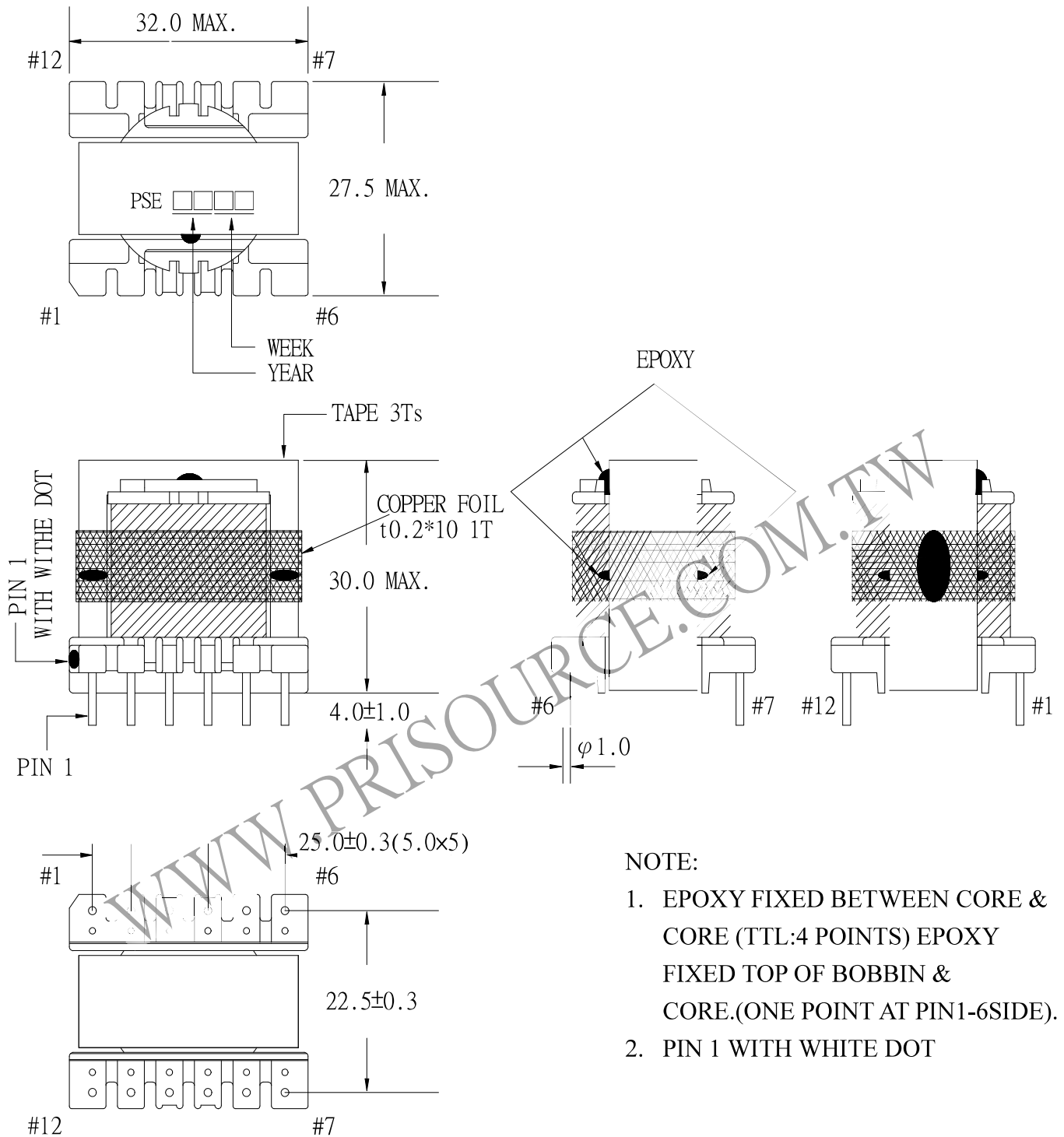


# 1. MECHANICAL & ASSEMBLY :



**NOTE:**

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-6SIDE).
2. PIN 1 WITH WHITE DOT

UNIT : mm

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-15050	REV NO.
			ISSUE NO :	PAGE
				4 - 1

## 2. WINDING CONFIGURATION:

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	P1-1		6 - 5	0.20 $\phi$	54		1T	SPACE
2	S1		11.1 - 12	TEX-E 0.60 $\phi$ ×2	9		2Ts	CLOSE
3	P1-2		5 - 4	0.20 $\phi$	54		1T	SPACE
4	P2		2 - 1	TEX-E 0.40 $\phi$ ×2	10		1T	SPACE
5	S2		11.2 - 11.1	TEX-E 0.20 $\phi$ ×2	9	#21	2Ts	SPACE
6	P1-3		4 - 3	0.20 $\phi$	54		1T	SPACE
7	S3		9 - 10	TEX-E 0.40 $\phi$ ×3	7		1T	SPACE
8	S4		7 - 8	TEX-E 0.20 $\phi$ ×2	15	#21	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	9.1mH±10%		INPUT 1 Vrms	
6 - 5			0.3311Vrms±4.0%	1.50 $\Omega$ .
11.1 - 12			0.0553Vrms±7.0%	16.5m $\Omega$ .
5 - 4			0.3334Vrms±4.0%	1.80 $\Omega$ .
2 - 1			0.0618Vrms±7.0%	47.0m $\Omega$
11.2 - 11.1			0.0558Vrms±7.0%	180.0m $\Omega$
4 - 3			0.3357Vrms±4.0%	2.15 $\Omega$
9 - 10			0.0434Vrms±7.0%	26.0m $\Omega$
7 - 8			0.0931Vrms±4.0%	0.35 $\Omega$

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 $\Omega$  MIN.

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

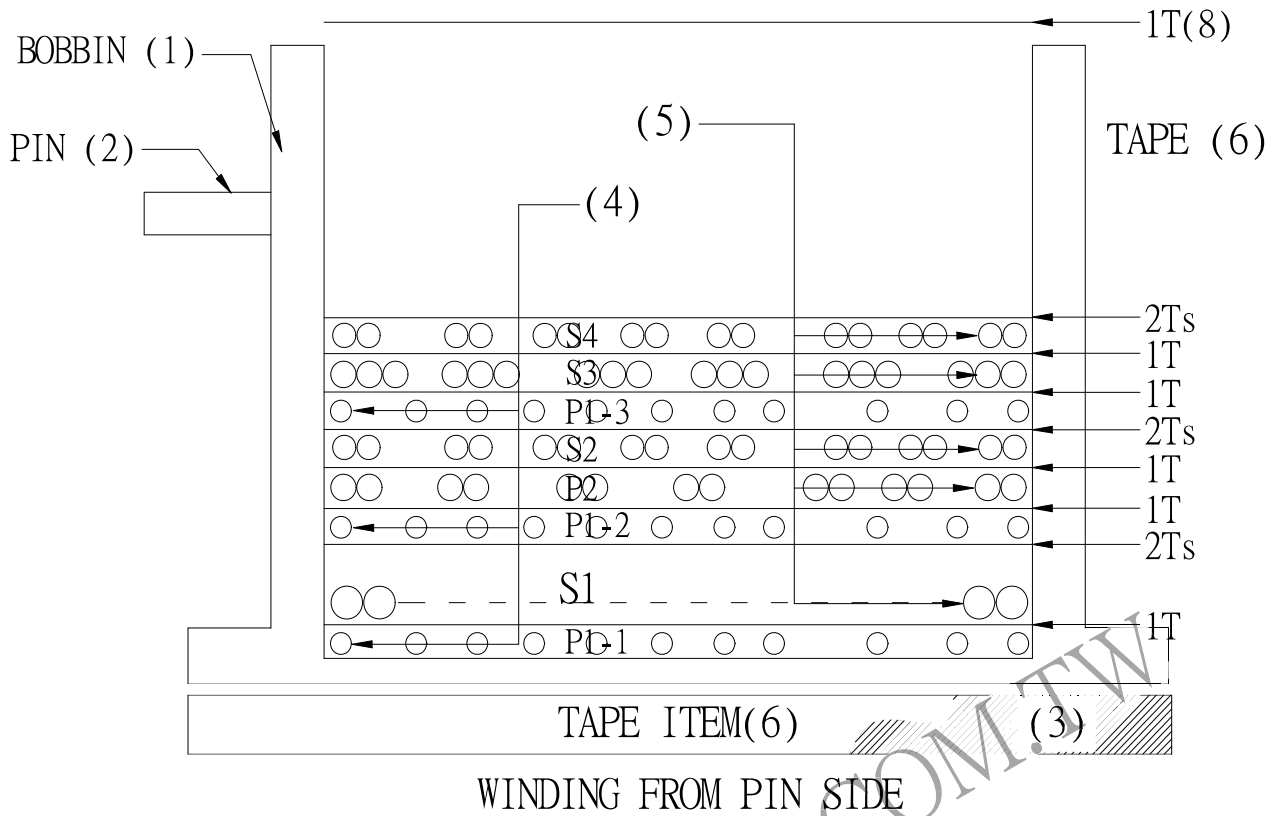
SEC. TO CORE. 100 M $\Omega$  MIN.

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

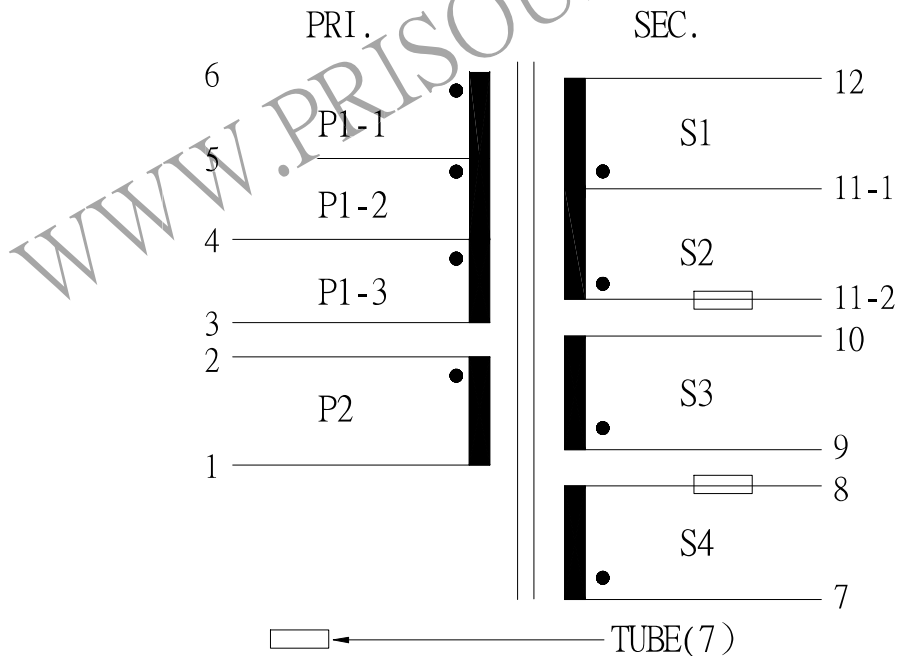
SEC. TO SEC. 100 M $\Omega$  MIN.

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-15050	REV NO.
			ISSUE NO :	PAGE 4 - 2

#### 4. WINDING SEQUENCE:



#### 5. SCHEMATIC:



REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-15050	REV NO.	
			ISSUE NO :	PAGE	4 - 3