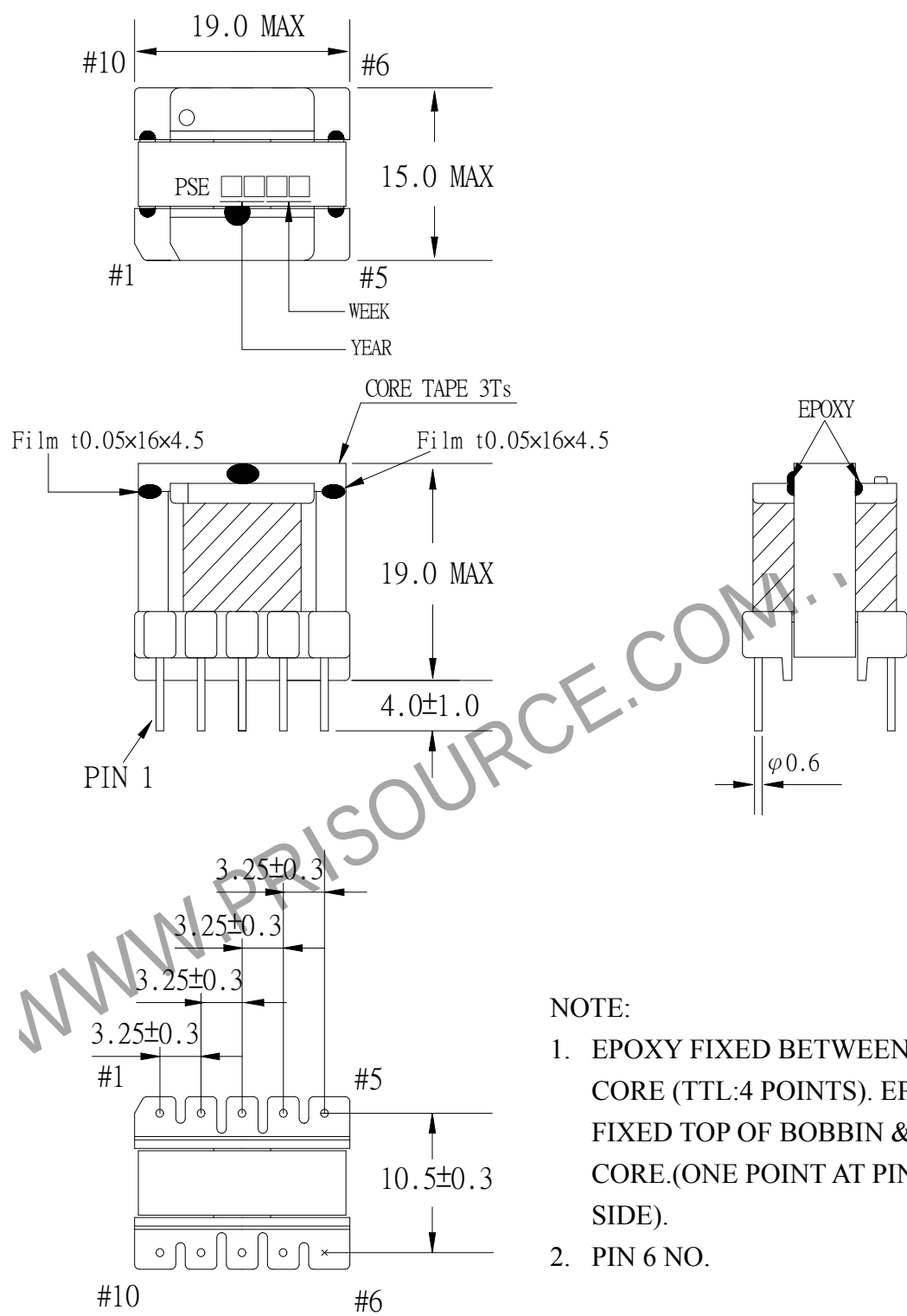


1. MECHANICAL & ASSEMBLY :



- NOTE:
- 1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).
 - 2. PIN 6 NO.

UNIT : mm

REPORT	BY	CHECK	BY	APPROVED	BY	CUSTOMER :	DATE	
						PART NO : 54P-16105	REV NO.	
						ISSUE NO :	PAGE	4 - 1

2.WINDING CONFIGURATION:

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	P1		2 - 1	0.2 ϕ	57	1Ts		CLOSE
2	S1		9 - 7	0.2 ϕ	5	3Ts		SPACE
3	P2		5 - 3	0.2 ϕ	14	1Ts	#24L	SPACE
4	P3		5 - 4	0.2 ϕ	11	3Ts		SPACE

NOTE:

3.ELECTRICAL CHARACTERISTICS:

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 1.0Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
2 - 1	760uH $\pm$ 20%		INPUT 1V	1.0 Ω
9 - 7			0.0877Vrms $\pm$ 5.0%	130.0 m Ω
5 - 3			0.2436Vrms $\pm$ 4.0%	0.4 Ω
5 - 4			0.1910Vrms $\pm$ 4.0%	0.3 Ω

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

PRI TO SEC 3000 VAC

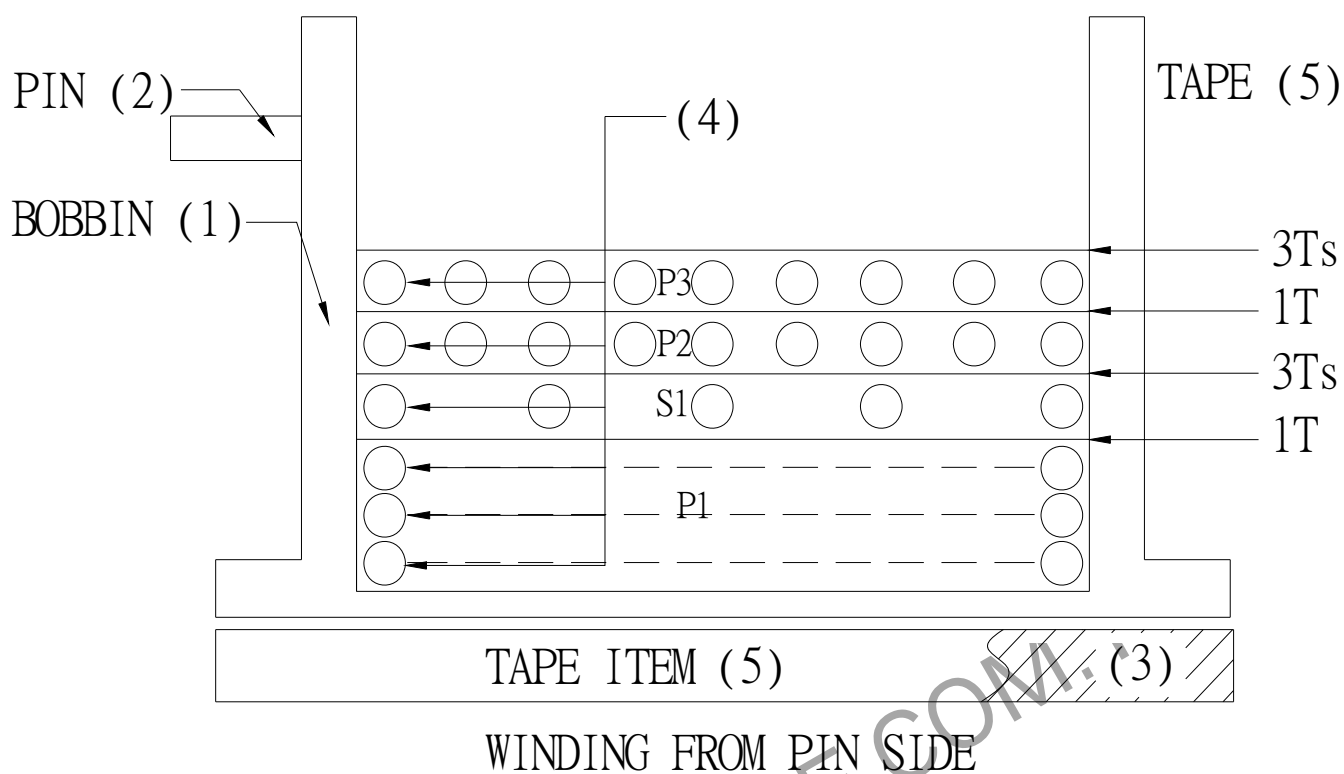
INSULATION RESISTANCE: (AT DC 500V)

PRI TO SEC 100 M Ω MIN.

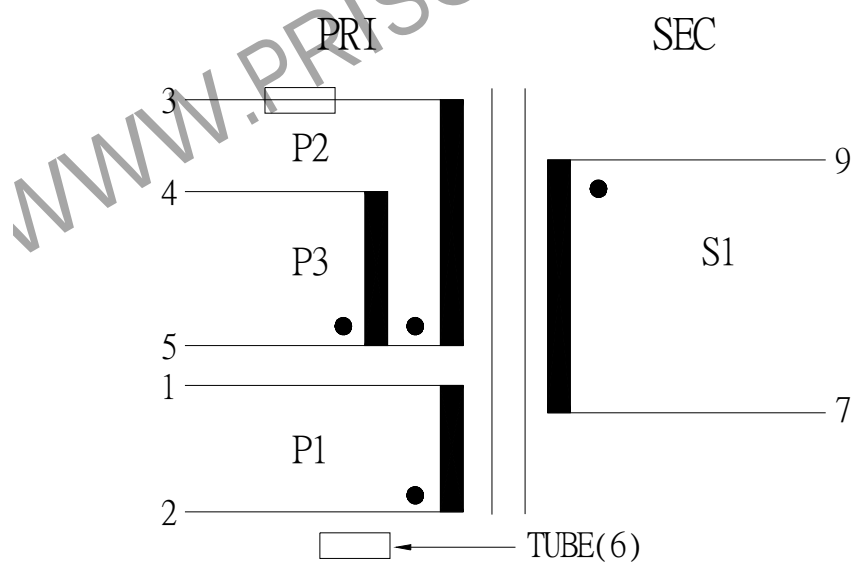
REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-16105	REV NO.	
			ISSUE NO :	PAGE	4 - 2

PRISOURCE ELECTRONICS CO.,LTD.

4. WINDING SEQUENCE:



5. SCHEMATIC:



REPORT	BY	CHECK	APPROVED BY	CUSTOMER :	DATE	
				PART NO : 54P-16105	REV NO.	
				ISSUE NO :	PAGE	4 - 3

6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.60 mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE φ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EI-16 TP4	✓		TDG
4	TRIPLE WIRE	(4)	TEX-E	✓	E206440	FURUKAWA
5	MYLAR TAPE	(5)	POLYESTER FILM # 1318-1(Y)	✓	E17385	3M
6	TUBE	(6)	TEFLON TUBE TFL	✓	E156256	GREAT HOLDING
7	FILM		PET Lumirror t0.05mm×16×4.5	✓	E86511	TORAY
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-16105	REV NO.	
			ISSUE NO :	PAGE	4 - 4