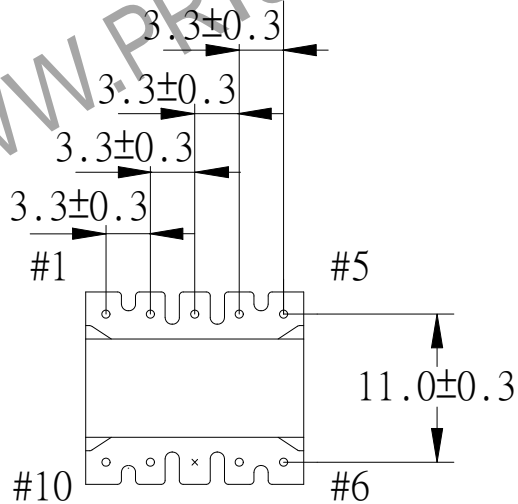
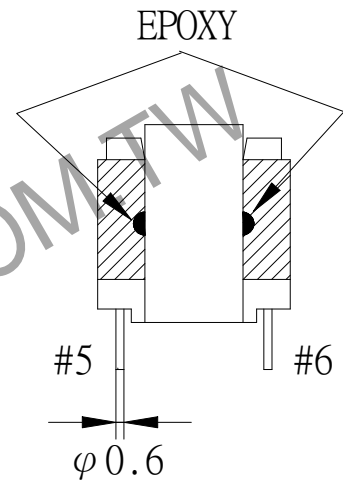
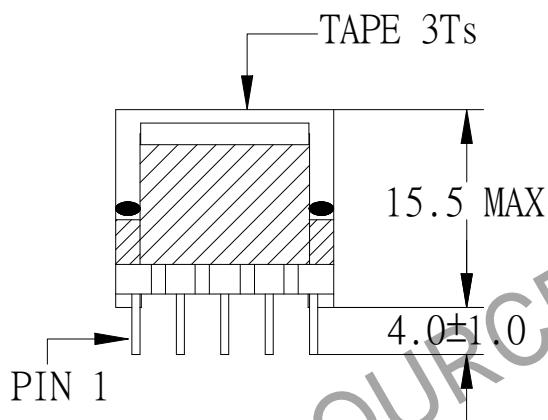
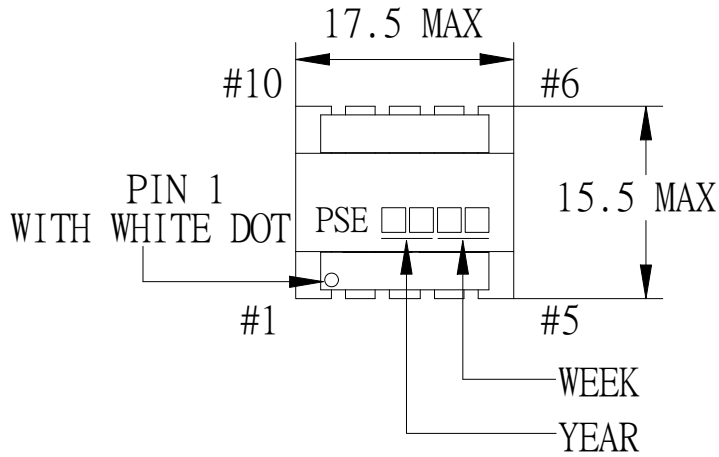


# 1. MECHANICAL & ASSEMBLY



**NOTE:**

1. PIN 8 NO.
2. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT).
3. PIN 1 WITH WHITE DOT

UNIT:mm

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-15021	REV NO.	
			ISSUE NO :	PAGE	4 - 1

## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	S1		1 - 2	TEX-E 0.26φ	56	3Ts		CLOSE
2	P1	1.5/1.5mm×1T	5 - 4	0.16φ	33	3Ts		CLOSE
3	P2	1.5/1.5mm×1T	7 - 6	0.16φ	33	3Ts		CLOSE
4	P3	1.5/1.5mm×1T	10 - 9	0.16φ	33	3Ts		CLOSE

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 - 2	1.36mH± 20%		INPUT 1Vrms	0.70 Ω
5 - 4			0.5887Vrms±3.0%	1.30 Ω
7 - 6			0.5888Vrms±3.0%	1.40 Ω
10 - 9			0.5888Vrms±3.0%	1.50 Ω

HI-POT TEST :( AT 10 mA , 2SEC. )

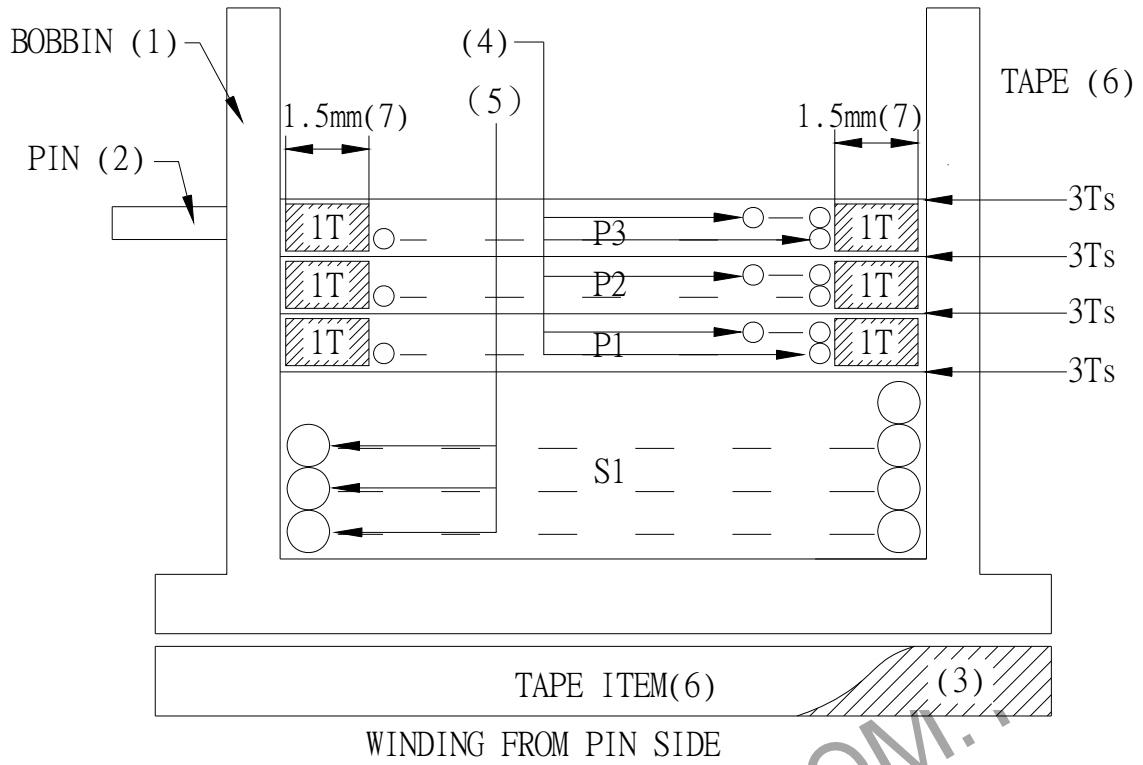
PRI	TO	SEC	3600 VAC
PRI	TO	CORE	3600 VAC
SEC	TO	CORE	1800 VAC

INSULATION RESISTANCE:(AT DC 500V)

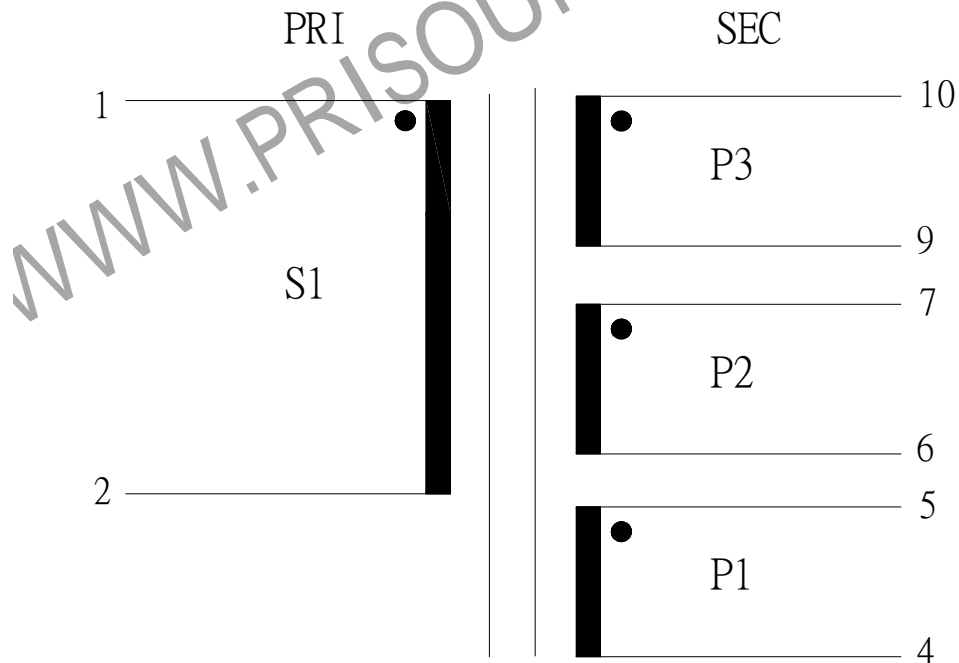
PRI	TO	SEC	100 MΩ MIN.
PRI ,SEC	TO	CORE	100 MΩ MIN.

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-15021	REV NO.	
			ISSUE NO :	PAGE	4 - 2

#### 4. WINDING SEQUENCE:



#### 5. SCHEMATIC:



REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-15021	REV NO.	
			ISSUE NO :	PAGE	4 - 3

6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (PM-9820) Thickness:0.50mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE Φ0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE FSEE-16 NC-2H	✓		NICERA
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPYU-130 MW-75C	✓	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-E	✓	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 25um (Y)	✓	E17385	3M
7	MARGIN TAPE	(7)	COMPOSITE FILM #44D-A	✓	E17385	3M
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA

REPORT BY	CHECK BY	APPROVED	CUSTOMER :	DATE	
			PART NO : 54P-15021	REV NO.	
			ISSUE NO :	PAGE	4 - 4