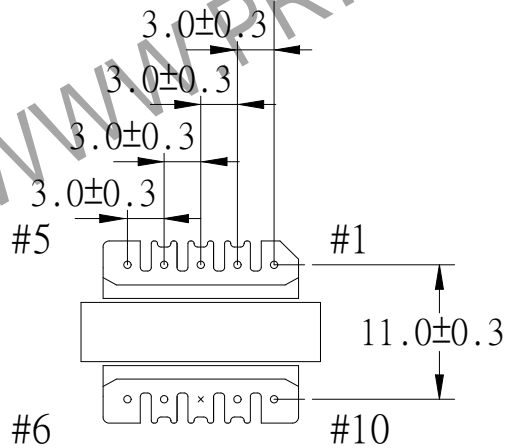
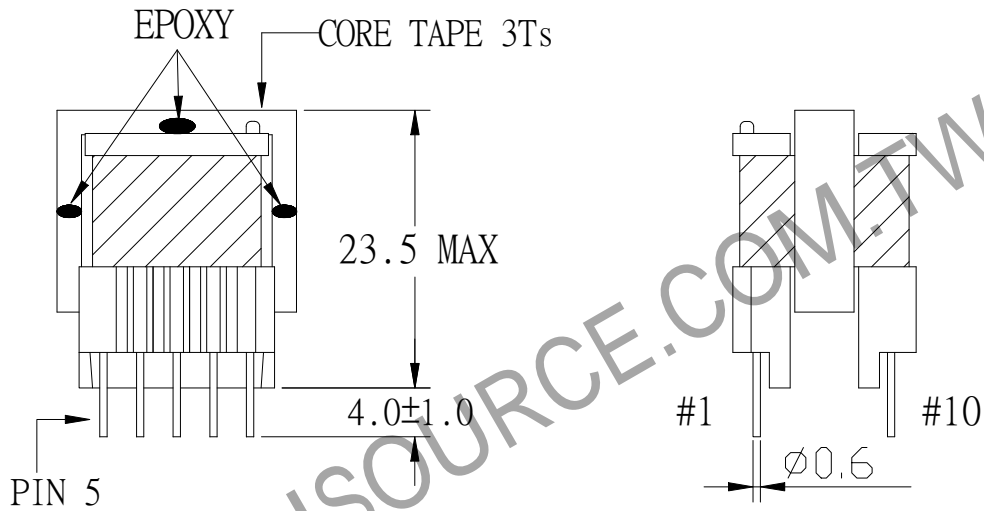
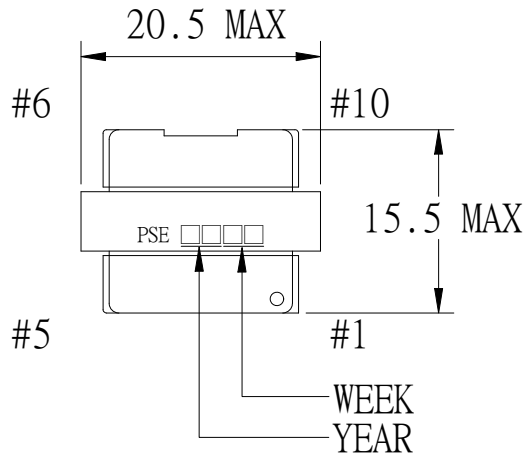


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).
3. PIN 8 NO.

UNIT:m/m

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-14141	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		3 - 2	0.16φ	90	1T/2Ts		CLOSE
2	S1		10 - 9	TEX-E 0.25φ	20	2Ts		CLOSE
3	P2		2 - 1	0.16φ	90	1T/3Ts		CLOSE
4	P3		7 - 6	0.18φ	32	3Ts		SPACE
5	P4		4 - 5	0.18φ	24	3Ts		CLOSE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) F= 20KHz	DCR MAX. AT 25°C
3 - 1	4.5mH±10.0%		INPVT 1Vrms	5.6 Ω
3 - 2			0.4970Vrms±4%	2.5 Ω
10 - 9			0.1110Vrms±4%	275.0 mΩ
2 - 1			0.5030Vrms±3%	3.2 Ω
7 - 6			0.1791Vrms±4%	0.96 Ω
4 - 5			0.1339Vrms±4%	0.80 Ω

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

PRI. TO SEC. 1800. VAC

SEC TO CORE. 1800. VAC

PRI TO CORE. 600. VAC

INSULATION RESISTANCE:(AT DC 500V)

PRI. TO SEC. 100 MΩ MIN.

PRI. SEC TO CORE. 100 MΩ MIN.

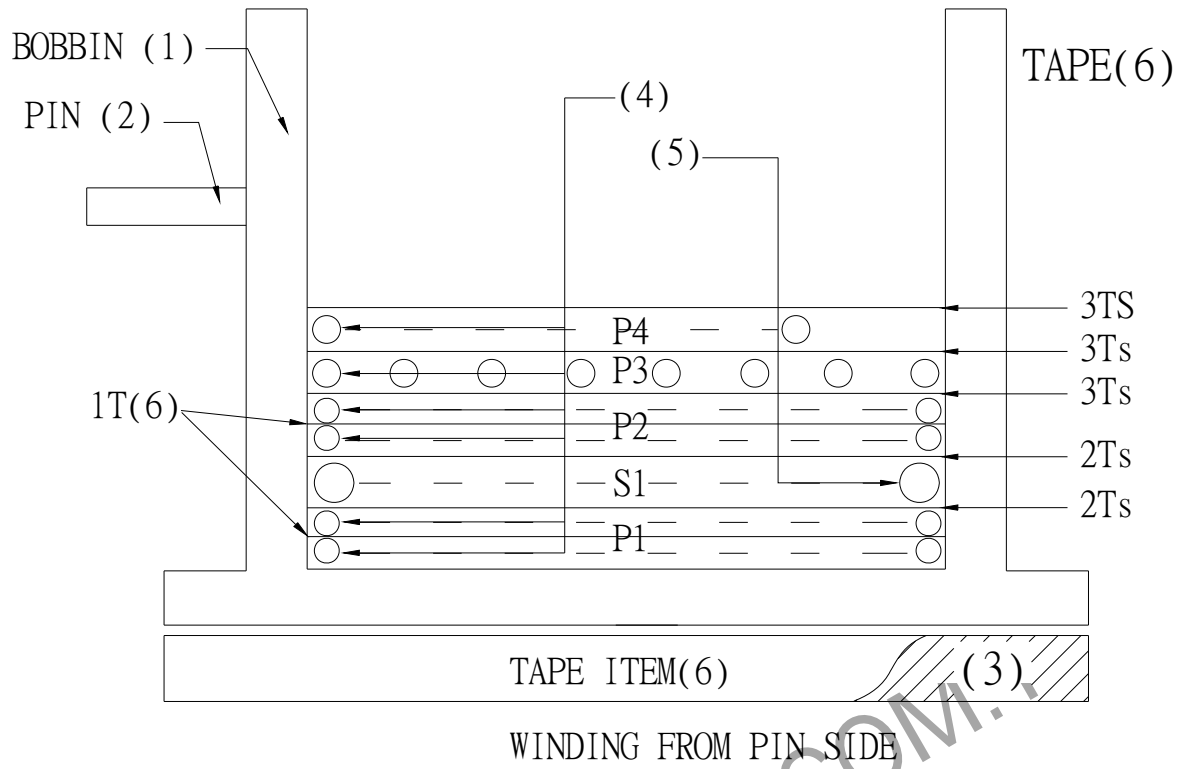
INSULATION CLASS : CLASS E

使用溫度範圍 : -25°C -120°C

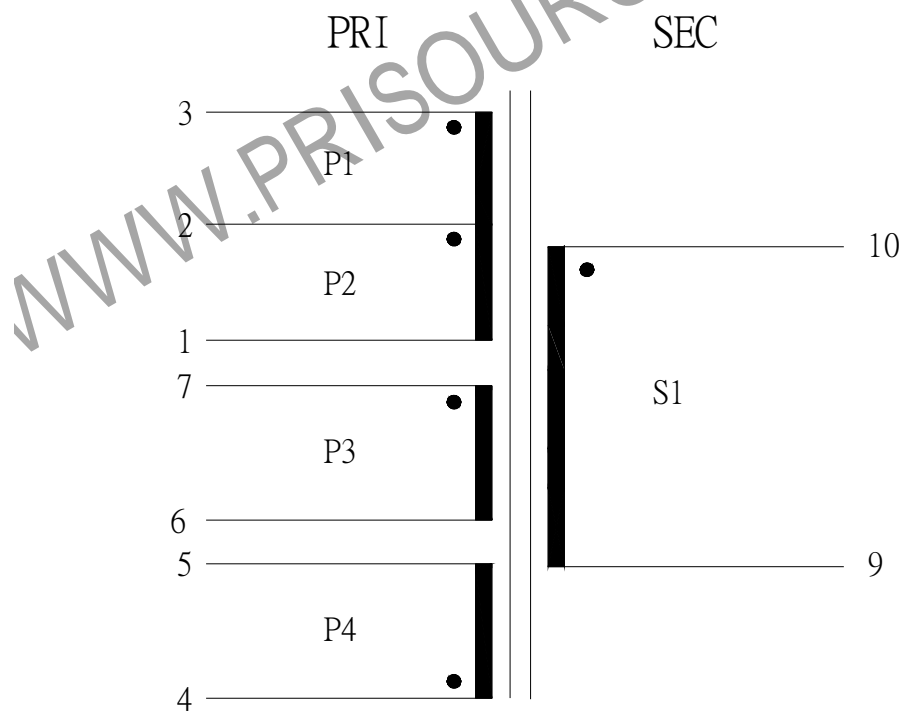
保存溫度範圍 : -40°C -85°C

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-14141	REV NO.	
			ISSUE NO :	PAGE	4 - 2

#### 4. WINDING SEQUENCE:



#### 5. SCHEMATIC:



REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-14141	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:0.30mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE $\Phi$ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE  EE19 TP4 CORE GAP : 0.13mm	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(1UEW) TYPYU-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	EPOXY		6020H	✓	E229633	WELLS
8	VARNISH		TVB2180T	✓	E83702	KYOCERA

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-14141	REV NO.	
			ISSUE NO :	PAGE	4 - 4