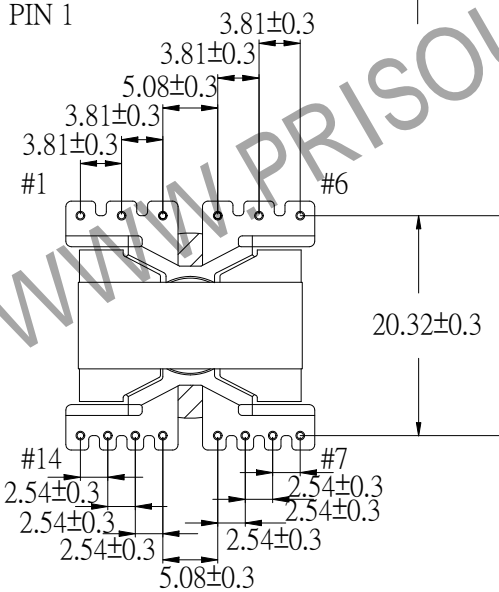
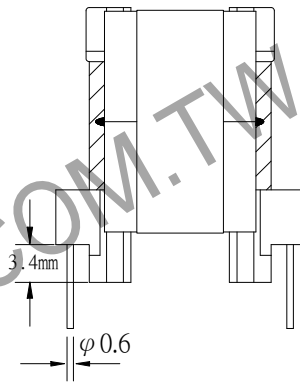
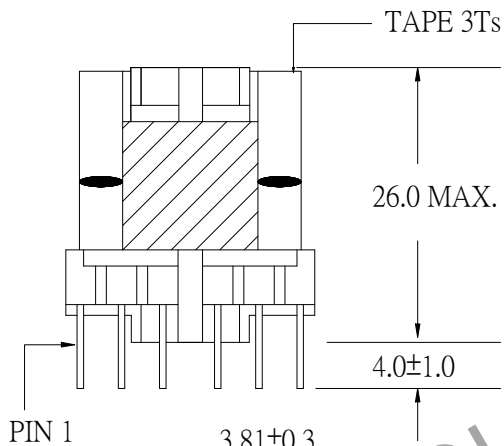
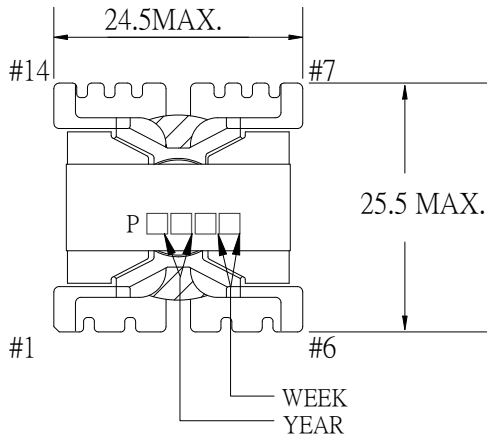


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT)

UNIT:m/m

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-12018	REV NO.	
			ISSUE NO :	PAGE	4 - 1

## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1		11.5mm				2Ts		
2	N		1 - 6	0.12 $\phi$ ×90C	9	2Ts		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
1 - 6	8.2 ~ 9.1uH			11.0m $\Omega$

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

COIL. TO CORE. 1000. VAC

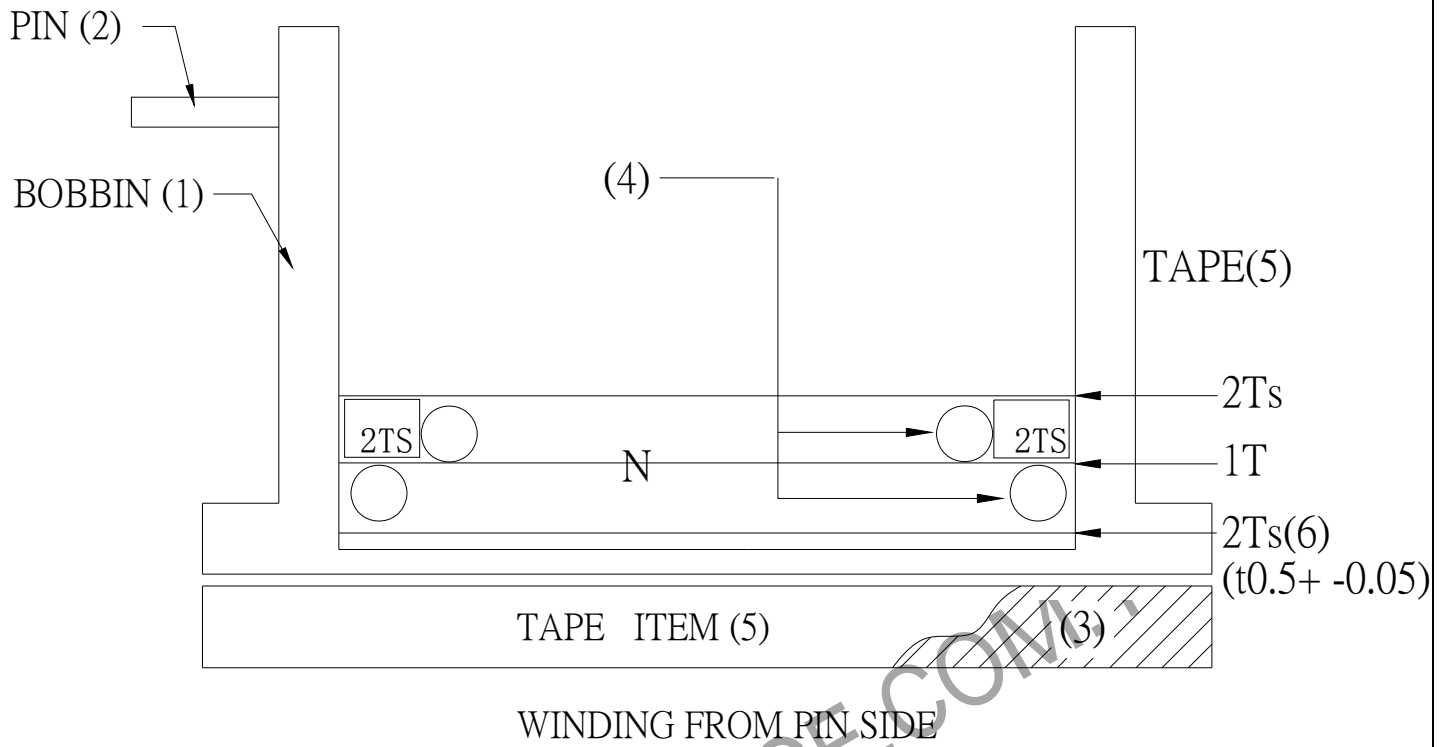
INSULATION RESISTANCE:(AT DC 500V)

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

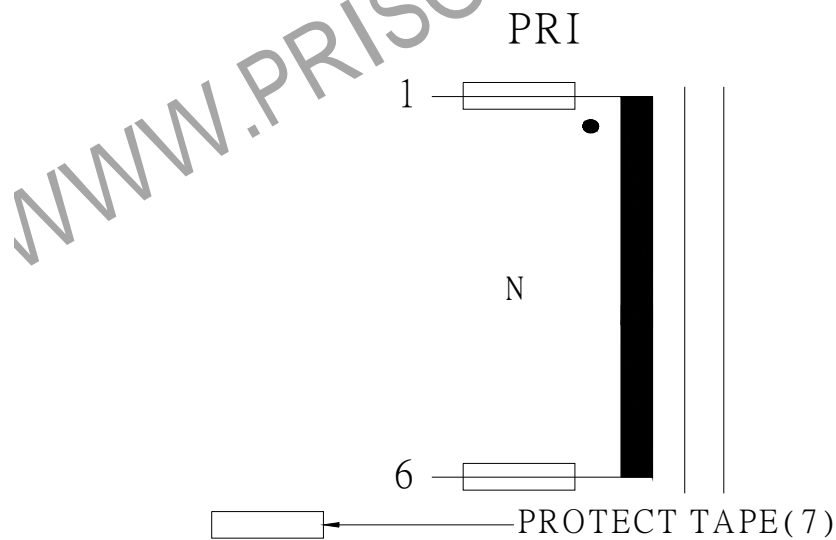
LAYER SHORT TEST ( 1-6 ) : 1200 V o-p : PASS

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-12018	REV NO.	
			ISSUE NO :	PAGE	4 - 2

#### 4. WINDING SEQUENCE:



#### 5. SCHEMATIC:



REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-12018	REV NO.	
			ISSUE NO :	PAGE	4 - 3

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 $\Phi$ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE  PQ2020 TP4A AL=106.5(1.1mm)	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(2UEW) TYPYU-130 MW75-C	✓	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM 絕緣 CLASS B #1318-1 (Y) Thickness: 0.06mm	✓	E17385	3M
6	MARGIN TAPE	(6)	REINFORCED POLYESTER FILM #44D-A 絕緣 CLASS B Thickness: 0.30mm	✓	E17385	3M
7	PROTECT TAPE	(7)	REINFORCED POLYESTER FILM #44-A 絕緣 CLASS B Thickness: 0.14mm	✓	E17385	3M
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		WP-2952F-2G	✓	E72979	HITACHI

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-12018	REV NO.
			ISSUE NO :	PAGE
				4 - 4