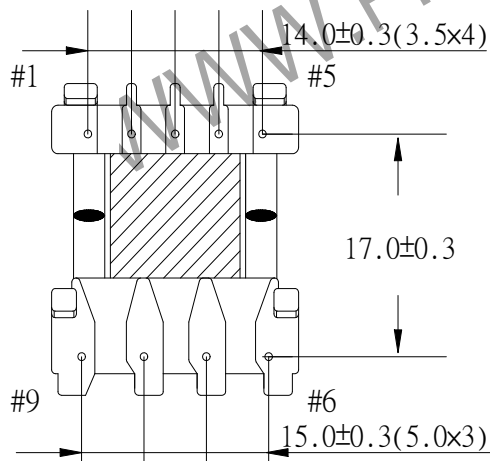
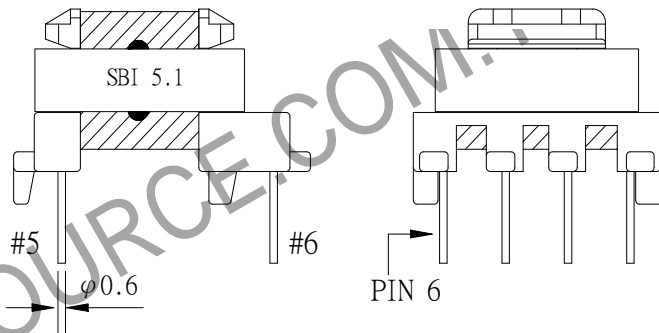
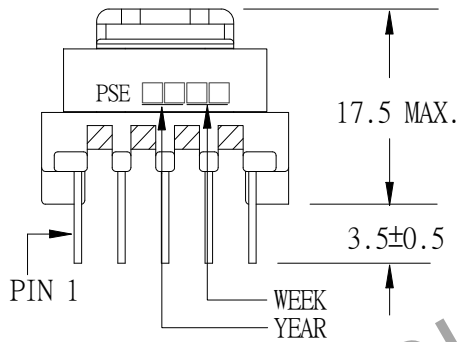
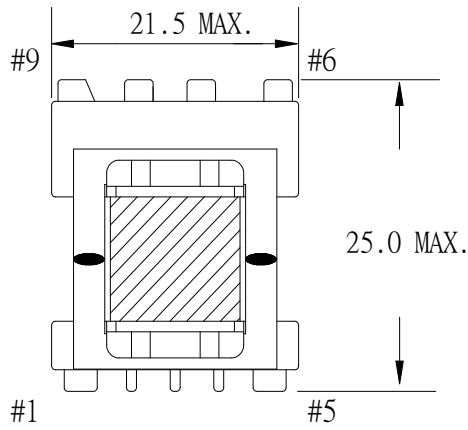


1. MECHANICAL & ASSEMBLY :



NOTE:

- EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED BETWEEN OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).

UNIT: mm

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 67P-17003	REV NO.
			ISSUE NO :	PAGE
				4 - 1

2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	W1.1		3 - 2	0.25 ϕ	45		1T/1T	CLOSE
2	W2		4 - 5	0.15 ϕ	17	#30	2Ts	CLOSE
3	W4		9 - 6	TIW-3 0.4 ϕ	6		2Ts	BIFILAR, SPACE
4	W3		7 - 8	TIW-3 0.6 ϕ	6			
5	W1.2		2 - 1	0.25 ϕ	45		1T/2Ts	CLOSE SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 100 KHz, 1.0Vrms	INDUCTANCE 100KHz, 1Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR (MAX) AT 25°C
3 - 1	1.4mH \pm 10%	30.0uH MAX	INPUT 1.0Vrms	
3 - 2			0.4958V \pm 4.0%	0.5 Ω
2 - 1			0.5038V \pm 3.0%	0.7 Ω
4 - 5			0.1881V \pm 4.0%	0.58 Ω
9 - 6		SHORT	0.0664V \pm 5.0%	40.0m Ω
7 - 8		SHORT	0.0664V \pm 5.0%	18.5m Ω

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

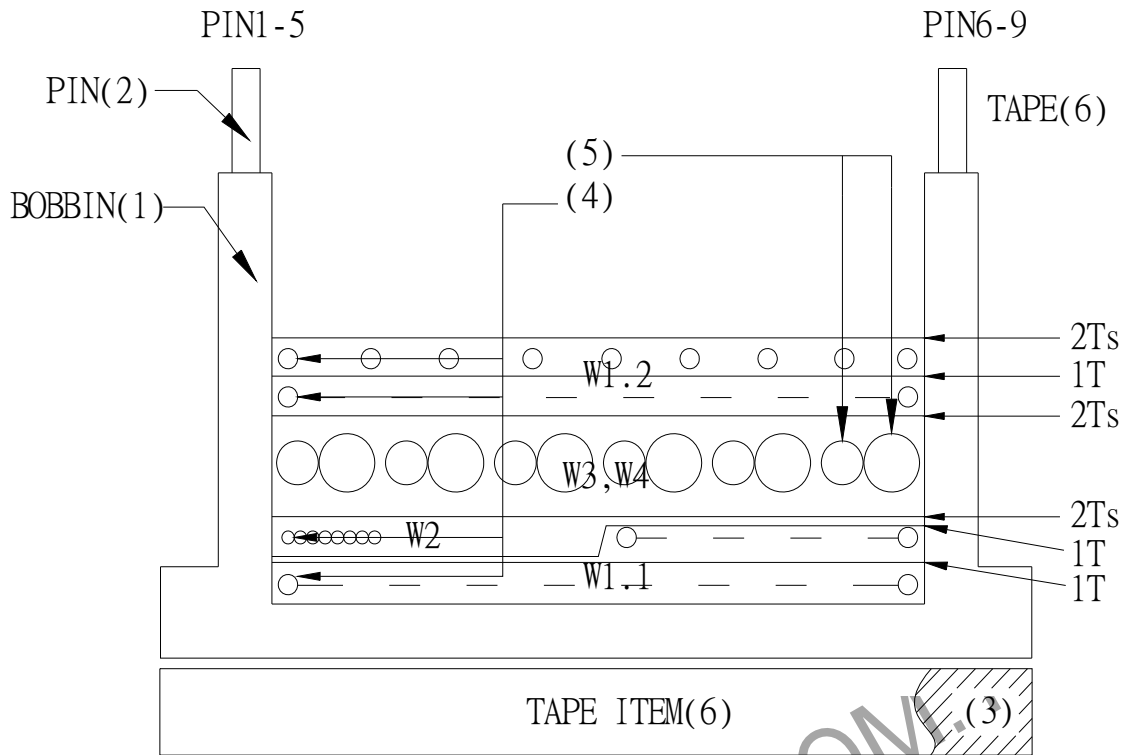
PRI.	TO	SEC.	3600 VAC
SEC.	TO	CORE	3600 VAC
PRI.	TO	CORE	1800 VAC

INSULATION RESISTANCE: (AT DC 500V)

PRI.	TO	SEC.	100 M Ω MIN.
PRI.	TO	CORE	100 M Ω MIN.
SEC.	TO	CORE	100 M Ω MIN.

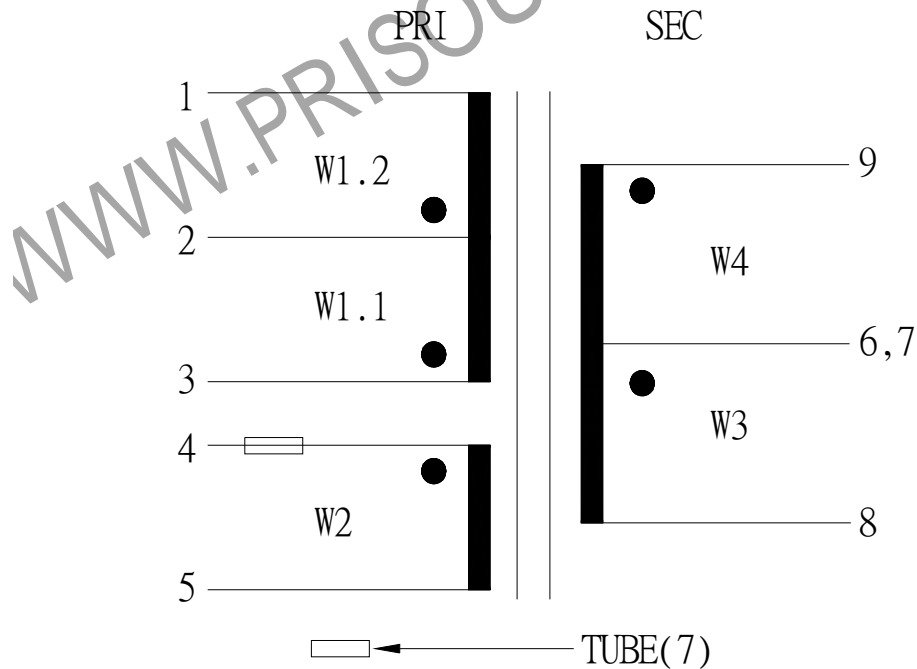
REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 67P-17003	REV NO.	
			ISSUE NO :	PAGE	4 - 2

4. WINDING SEQUENCE:



W1.1, W2, W1.2 WINDING FROM PIN 1-5 SIDE
 W3, W4 WINDING FROM PIN 6-9 SIDE

5. SCHEMATIC:



REPORT	BY	CHECK	APPROVED BY	CUSTOMER :	DATE	
				PART NO : 67P-17003	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:0.60mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE Φ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EF16 TP4 CORE GAP:0.11mm	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEWF) TYA1-U155 MW79-C	✓	E197768	HENG YA
5	TRIPLE WIRE	(5)	TIW-3	✓	E166483	TOTOKU
6	INSULATION TAPE	(6)	PEN FILM ADHESIVE TAPE 635E#25 155°c	✓	E56086	TERAOKA
7	TUBE	(7)	TEFLON TUBE TFL	✓	E156256	GREAT HOLDING
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA
REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :		DATE	
			PART NO : 67P-17003		REV NO.	
			ISSUE NO :		PAGE	4 - 4