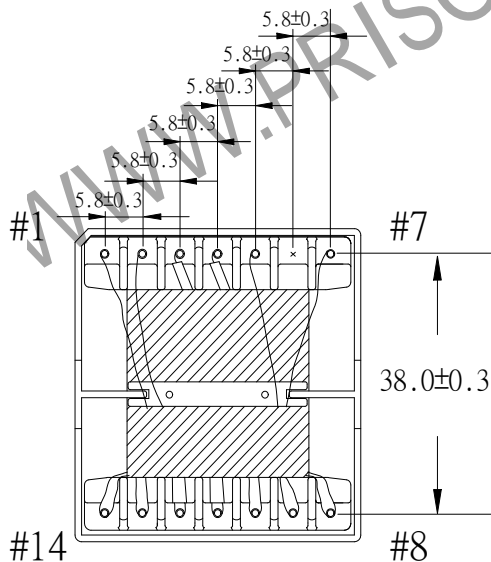
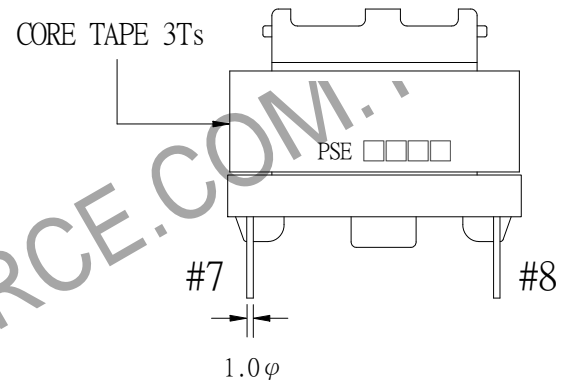
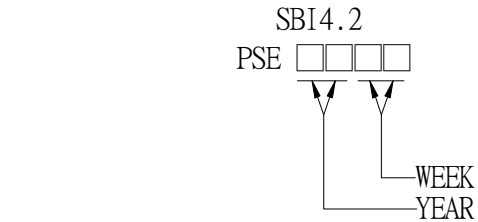
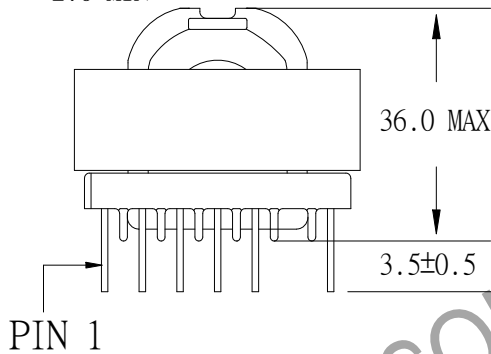
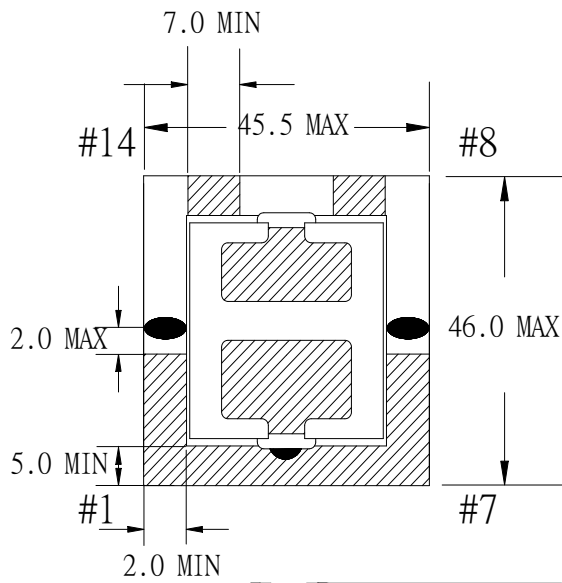


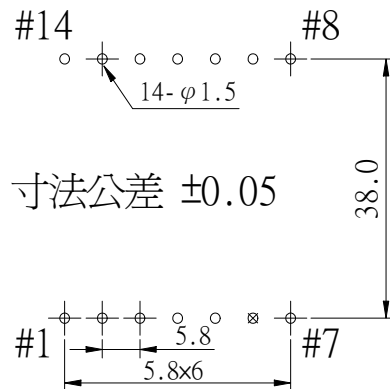
1. MECHANICAL & ASSEMBLY :

NOTE:

1. SOLDER PIONT CAN'T BE OVER STANDOFF
2. PIN 6 NO.
3. EPOXY FIXED BETWEEN CORE & CORE (TTL:2 POINTS)
4. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-7 SIDE).



以下の治具に容易に挿入できること。



寸法公差 ±0.05

UNIT : mm

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 81P-16021	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 - 4	0.10 ϕ /70C	42	1T/1T/1T/1T/3Ts	#14/#14	CLOSE
2	(A)S1		11,12 - 8,9	0.10 ϕ /200C	3	1PC	#12/~	BIFILAR,
3	S2		9,10-13,14	0.10 ϕ /200C	3		CLOSE	
4	(B)S1		11,12 - 8,9	0.10 ϕ /200C	3	1Ts	#12/~	BIFILAR,
5	S2		9,10 - 13,14	0.10 ϕ /200C	3		CLOSE	
6	P3	~/1.5mm \times 1T	2 - 1	TEX-E 0.3 ϕ	1	1PC		Center
7	P2		7 - 5	TEX-E 0.3 ϕ	4	3Ts		SPACE

NOTE:

1. S1&S2 WIRE(0.10 ϕ /100C \times 2): 0.10 ϕ /100C \times 2 根對絞, 絞數: 4Ts 以上/20cm
2. S1&S2 對絞, 絞數: 4Ts 以上/20cm
3. 0.10 ϕ /70C TWISTED 45 \pm 10 TWIST/M
4. 0.10 ϕ /100C TWISTED 45 \pm 10 TWIST/M

3. ELECTRICAL CHARACTERISTICS:

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 1.0 KHz, 1.0Vrms	VOLTAGE RATIO(V) f= 20KHz INPUT 1Vrms	DCR MAX. AT 25 $^{\circ}$ C
3 - 4	420.0 μ H \pm 10%	195.0 μ H MAX		119.0 m Ω
11,12 - 8,9		SHORT	0.0601Vrms \pm 5.0%	3.0 m Ω
9,10 - 13,14		SHORT	0.0604Vrms \pm 5.0%	2.65 m Ω
2 - 1			0.0201Vrms \pm 7.0%	48.0 m Ω
7 - 5			0.0808Vrms \pm 5.0%	136.0 m Ω

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

PRI	TO	SEC	4800 VAC
PRI	TO	CORE	4800 VAC
SEC	TO	CORE	2160 VAC

每批需抽取 1PCS 進行線圈分解, 對 S1&S2 絞線, 進行絞數確認, 結果記錄于線圈分解確認表內

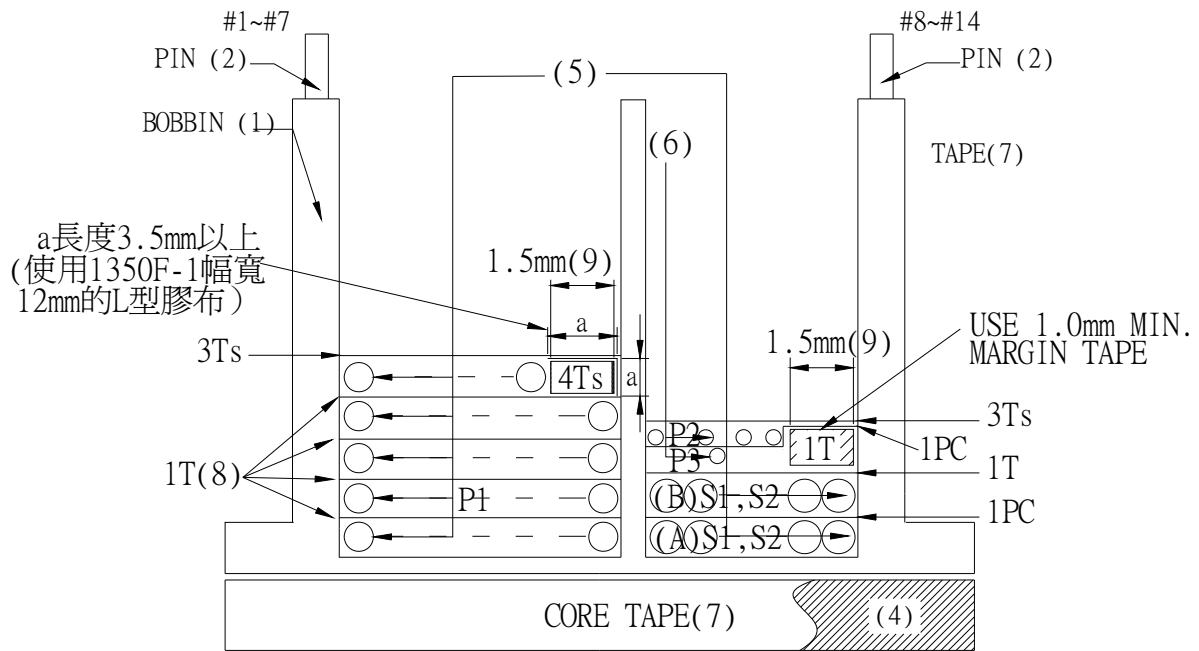
INSULATION RESISTANCE: (AT DC 500V)

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

IMPULSE TEST :1200V -P(3 - 4)

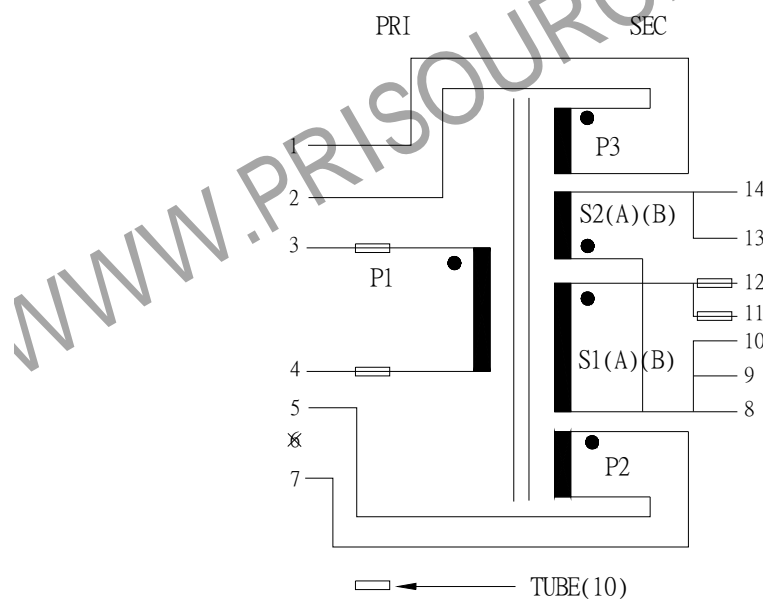
REPORT	BY	CHECK	BY	APPROVED	CUSTOMER :	DATE	
					PART NO : 81P-16021	REV NO.	
					ISSUE NO :	PAGE	4 - 2

4. WINDING SEQUENCE:



1. S1/S2(A): 從PIN側繞于BOBBIN中央
2. S1/S2(B): 從PIN側繞于BOBBIN中央
3. P2/P3繞線時，線不可上擋牆

5. SCHEMATIC:



REPORT	BY	CHECK	BY	APPROVED BY	CUSTOMER :	DATE	
					PART NO : 81P-16021	REV NO.	
					ISSUE NO :	PAGE	4 - 3

6 . MATERIALS LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.71mm Min. ETD-4412	√	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE φ1.0	√		WELL FORE
3	CASE	(3)	PHENOLIC (PET FR530) Thickness:0.45mm Min. ETD-4412-1	√	E41938	E I DUPONT
4	CORE	(4)	FERRITE CORE ETD44/45/15 TP4A	√		TDG
5	COPPER WIRE	(5)	POLYURETHANE (1UEW) TYPU-130 MW75-C	√	E197768	HENG YA
		(6)	TEX-E	√	E206440	FURUKAWA
6	MYLAR TAPE	(7)	POLYESTER FILM #1350F-1	√	E17385	3M
		(8)	#1350F-2 COLOR:YELLOW			
7	MARGIN TAPE	(9)	COMPOSITE FILM #44T-A	√	E17385	3M
8	TUBE	(10)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
9	EPOXY		6020H	√	E229633	WELLS
10	VARNISH		TVB2180T	√	E83702	KYOCERA

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 81P-16021	REV NO.
			ISSUE NO :	PAGE 4 - 4