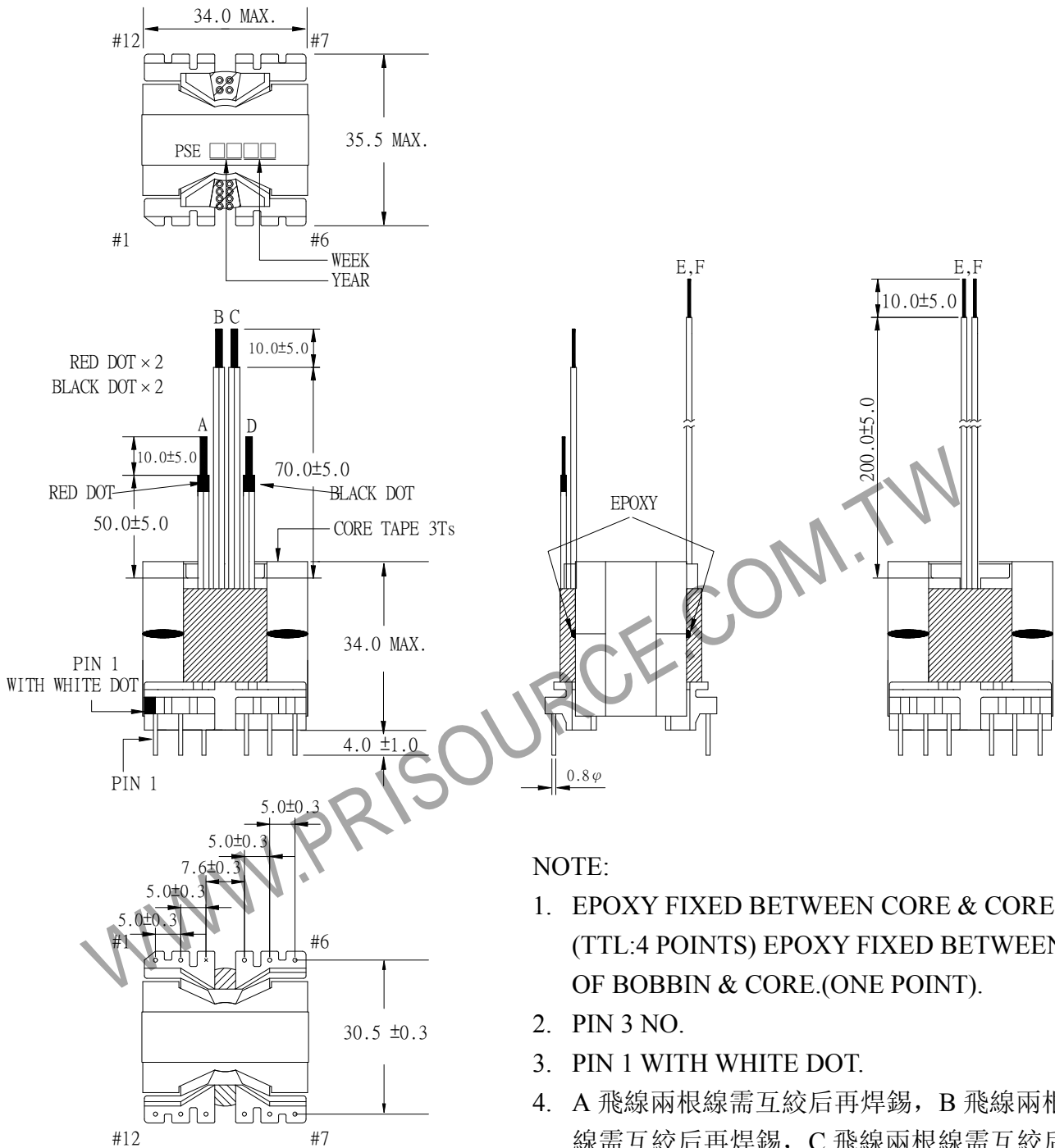


1. V MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED BETWEEN OF BOBBIN & CORE.(ONE POINT).
2. PIN 3 NO.
3. PIN 1 WITH WHITE DOT.
4. A 飛線兩根線需互絞后再焊錫, B 飛線兩根線需互絞后再焊錫, C 飛線兩根線需互絞后再焊錫, D 飛線兩根線需互絞后再焊錫,

UNIT : m/m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD	TUBE
1	P1 1/2	2.0/2.0mm×1T	A - B	0.50φ×2	7	1T	SPACE	1.5φ
2	P2 1/2	2.0/2.0mm×1T	C - D	0.50φ×2	7	1T	SPACE	1.5φ
3	S1	2.0/2.0mm×1T	8 - 7	TEX-E 0.50φ×2	2	1T	SPACE	
4	S2	2.0/2.0mm×1T	10 - 9	TEX-E 0.50φ×2	4	1T	SPACE	
5	S3	2.0/2.0mm×1T	12 - 11	TEX-E 0.50φ×2	4	1T	SPACE	
6	M1	2.0/2.0mm×1T	F - E	0.35φ	2	1T	SPACE	1.5φ
7	P1 2/2	2.0/2.0mm×1T	A - B	0.50φ×2	7	1T	SPACE	1.5φ
8	P2 2/2	2.0/2.0mm×1T	C - D	0.50φ×2	7	1T	SPACE	1.5φ
9	P3	2.0/2.0mm×1T	1 - 2	0.35φ	2	3Ts	SPACE	

NOTE: A 飛線兩根線需互絞后再焊錫, B 飛線兩根線需互絞后再焊錫, C 飛線兩根線需互絞后再焊錫, D 飛線兩根線需互絞后再焊錫,

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHZ, 1.0Vrms	INDUCTANCE KHZ, Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR (MAX) AT 25°C
A - B	17.5uH±10%		INPUT 0.1Vrms	16.0 mΩ.
C - D			0.0994Vrms±4.0%	17.0 mΩ.
8 - 7			0.0284Vrms±5.0%	9.50 mΩ.
10 - 9			0.0568Vrms±5.0%	15.5 mΩ.
12 - 11			0.0567Vrms±5.0%	17.5 mΩ.
F - E			0.0283Vrms±5.0%	124.0 mΩ.
1 - 2			0.0283Vrms±5.0%	46.5mΩ.

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

(AT 10 mA, 1 MIN TYPE TEST)

PRI. TO CORE. 3600 VAC

3000 VAC

SEC. TO CORE. 3600 VAC

3000 VAC

M. TO CORE. 3600 VAC

3000 VAC

PRI. TO SEC. 3600 VAC

3000 VAC

M. TO SEC. 3600 VAC

3000 VAC

PRI. TO M. 1200 VAC

1000 VAC

INSULATION RESISTANCE: (AT DC500V)

PRI. TO CORE. 100 MΩ MIN.

SEC. TO CORE. 100 MΩ MIN.

M. TO CORE. 100 MΩ MIN.

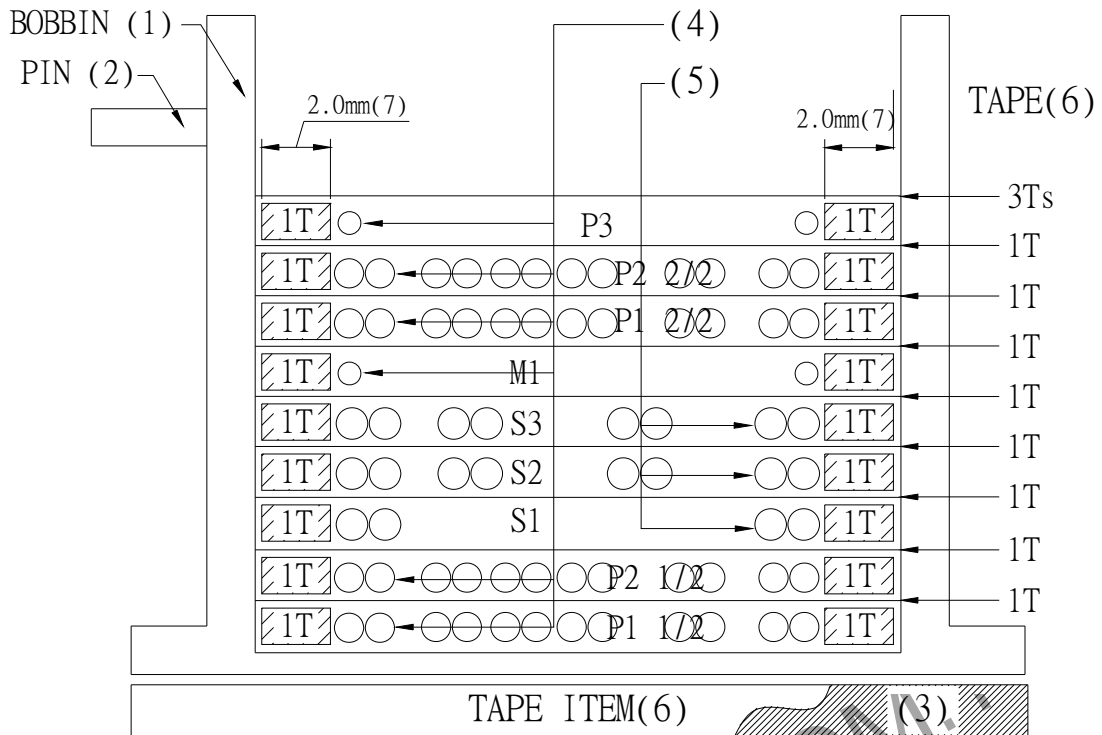
PRI. TO SEC. 100 MΩ MIN.

M. TO SEC. 100 MΩ MIN.

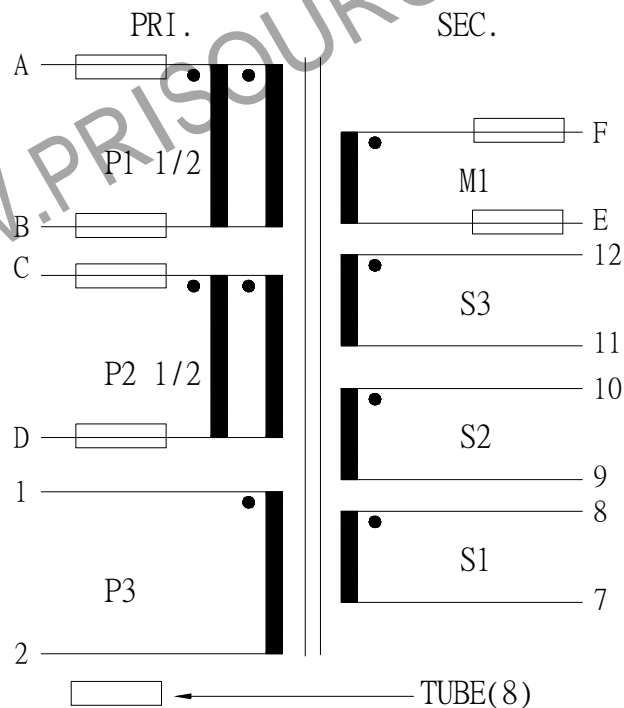
PRI. TO M. 100 MΩ MIN.

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4. WINDING SEQUENCE:



5. SCHEMATIC:



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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 C.P WIRE φ 0.8	✓		WELL FORE
3	CORE	(3)	FERRITE CORE PQ3230 TP4	✓		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 #1350F-1 Y	✓	E17385	3M
7	MARGIN TAPE	(7)	COMPOSITE FILM 673F0.5	✓	E56086	TERAOKA
8	TUBE	(8)	SILICON TUBE RSU-1	✓	E67922	NISSEI
9	EPOXY		6020H	✓	E229633	WELLS
10	VARNISH		WP-2952F-2G	✓	E72979	HITACHI

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