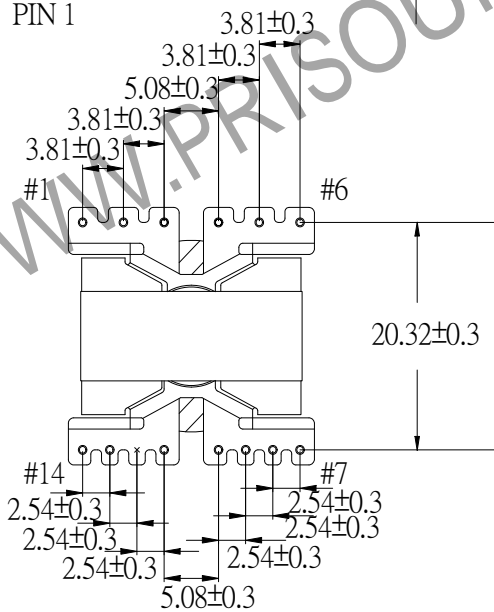
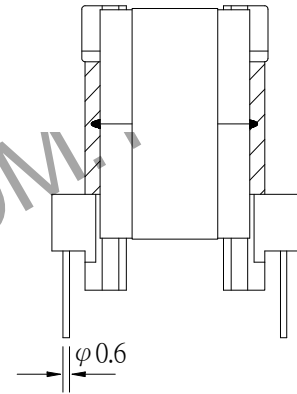
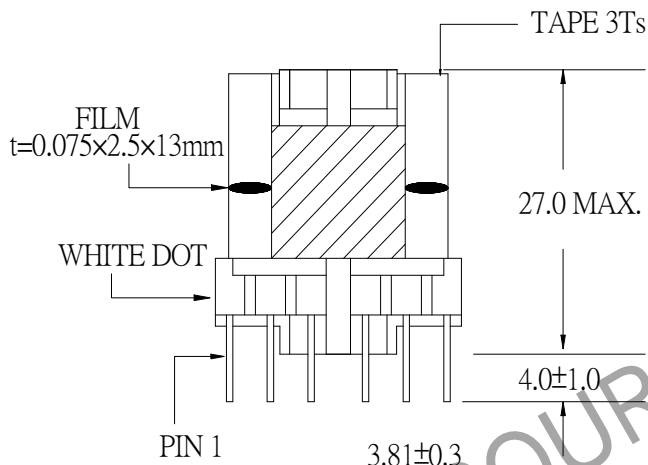
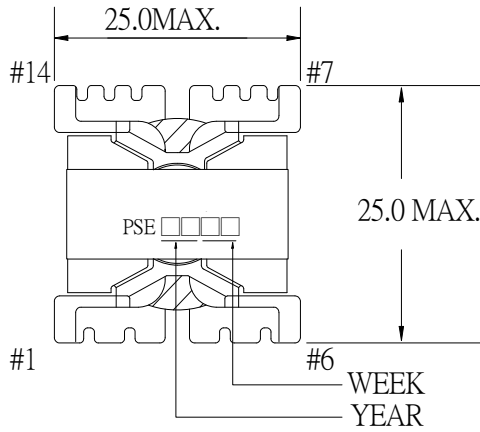


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. PIN 12 NO
3. PIN 1 WITH WHITE DOT
4. ADD ONE DROPS OF GLUE INSIDE OF THE CORE TOP.

UNIT:mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	P1-1	3.0mm/3.0mm×2Ts	7 - 8	0.30φ	15	2Ts		CLOSE
2	S1	3.0mm/6.0mm×1T	5 - 6	0.10φ×2	9	2Ts		CLOSE
3	S2	3.0mm/6.0mm×1T	3 - 4	0.10φ×2	9	2Ts		CLOSE
4	S3	3.0mm/6.0mm×1T	2 - 1	0.10φ×2	9	2Ts		CLOSE
5	S4	3.0mm/6.0mm×1T	13 - 14	0.20φ×2	6	2Ts		CLOSE
6	P2	3.0mm/3.0mm×2Ts	10 - 11	0.30φ×3	2	2Ts		SPACE
7	P1-2	3.0mm/3.0mm×2Ts	8 - 9	0.30φ	15	2Ts		CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) F= 20KHz INPUT 1.0 Vrms	DCR MAX. AT 25°C
7 - 9	439.0uH±10%			
7 - 8			0.4992Vrms±4.0%	182.0 mΩ
5 - 6			0.2997Vrms±4.0%	0.55 Ω
3 - 4			0.2998Vrms±4.0%	0.55 Ω
2 - 1			0.3004Vrms±4.0%	0.60 Ω
13 - 14			0.2002Vrms±4.0%	109.0 mΩ
10 - 11			0.0666Vrms±5.0%	17.0 mΩ
8 - 9			0.5012Vrms±3.0%	252.0 mΩ

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

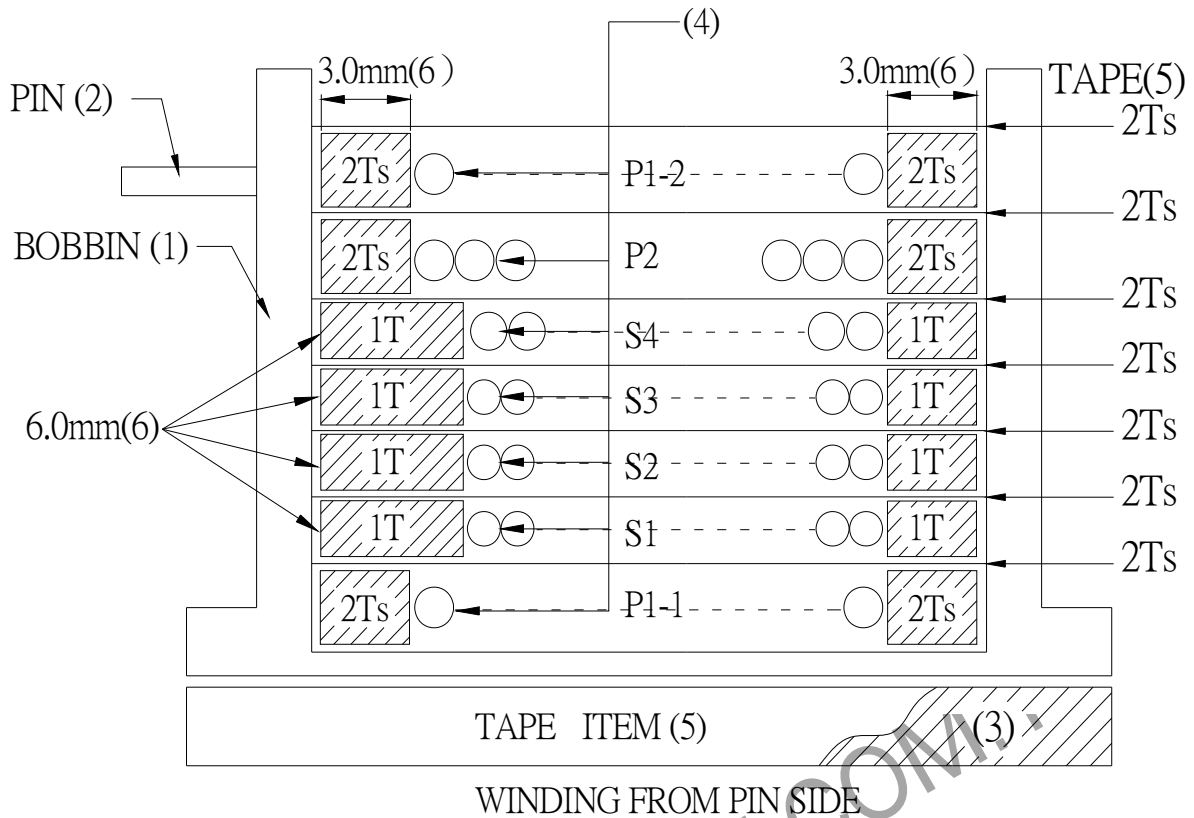
PRI	TO	SEC	3600 VAC
SEC	TO	SEC	3000 VAC
PRI , SEC	TO	CORE	600 VAC

INSULATION RESISTANCE:(AT DC 500V)

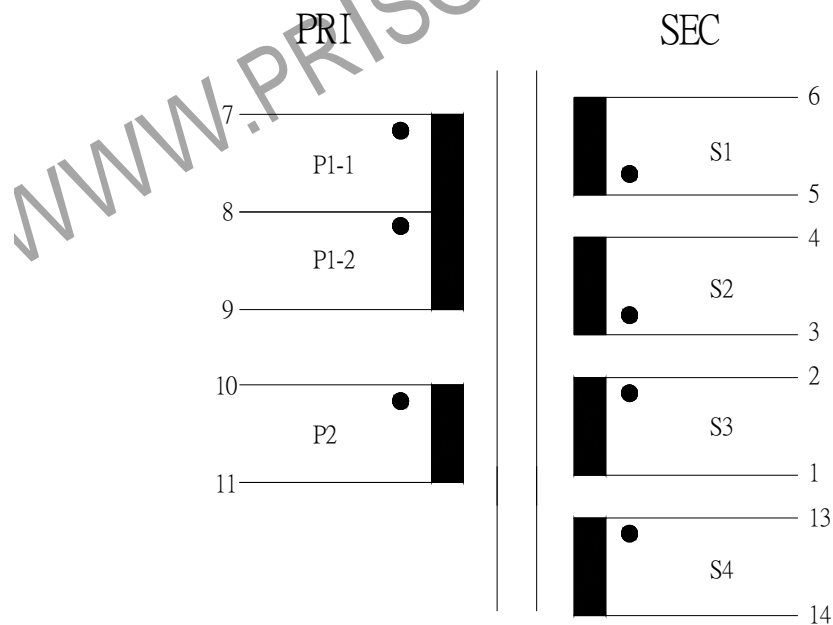
PRI	TO	SEC	100 MΩ MIN.
SEC	TO	SEC	100 MΩ MIN.
PRI , SEC	TO	CORE	100 MΩ MIN

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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 COPPER WIRE Φ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE PQ2020 TP4D	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(1UEW) TYPYU-130 MW75-C	✓	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1350F-1 (Y)	✓	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44D-A	✓	E17385	3M
7	FILM		t0.075×2.5×13mm	✓	E86511	TORAY
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA

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