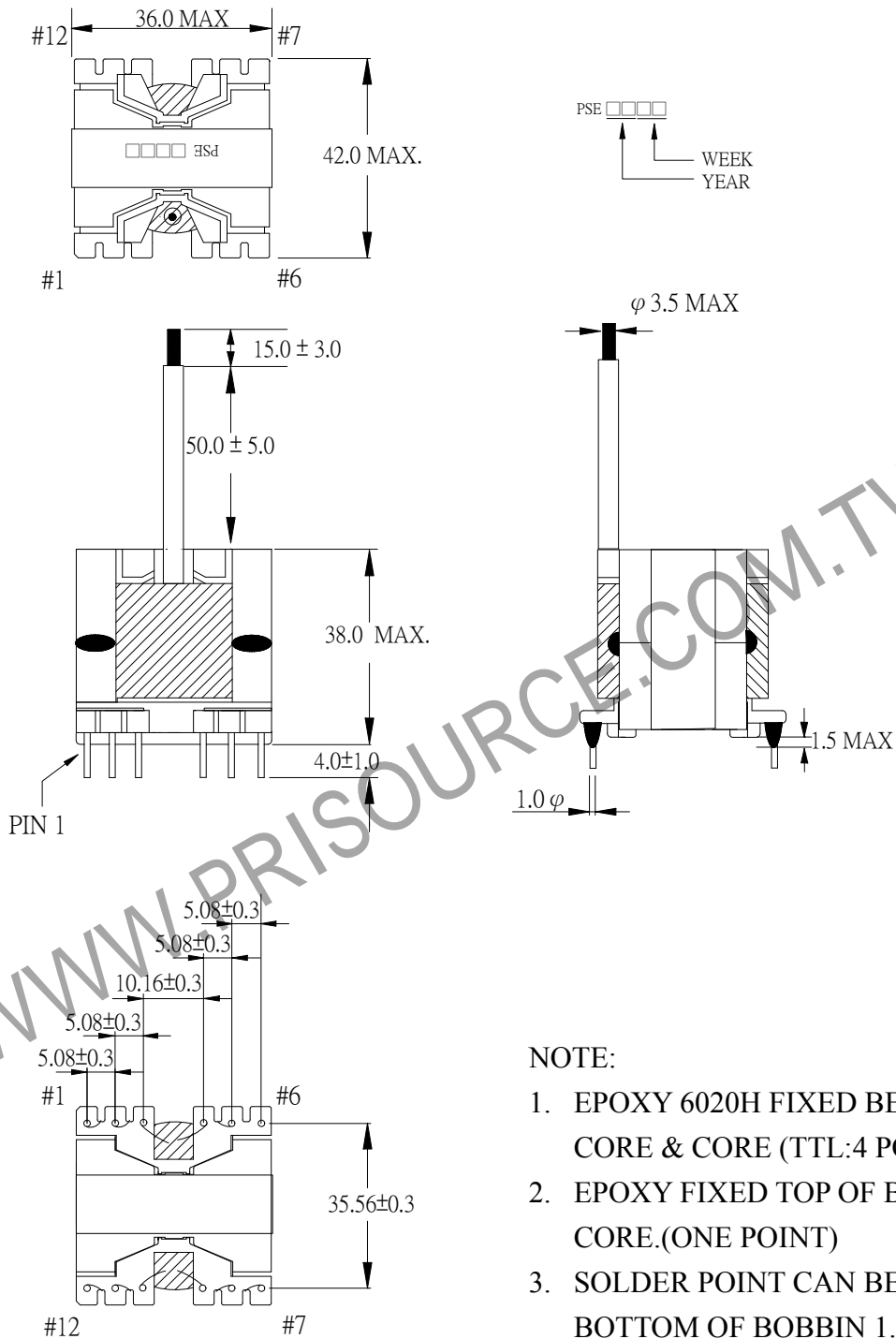


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY 6020H FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT)
3. SOLDER POINT CAN BE OVER THE BOTTOM OF BOBBIN 1.5 mm MAX.

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER	TUBE	METHOD
1	P1	1.5 mm/1.5 mm x1T	5 - 4	0.4 ϕ	8	1T	ϕ 0.8	SPACE
2	P2	1.5 mm/1.5 mm x9TS	A-1.2.3	0.1 ϕ /100x3	8	1T	ϕ 4.0	CLOSE
3	S	1.5 mm/1.5 mm x9TS	10.11.12-7.8.9	0.1 ϕ /100x5	5	3Ts	ϕ 1.5	CLOSE

Note

3. ELECTRICAL CHARACTERISTICS

PIN NO.	INDUCTANCE 100.0 KHz, 1 Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
A-1.2.3	0.3 mH \pm 30%		INPUT 1 Vrms	6.5 m Ω
5 - 4			1.0000 Vrms \pm 3%	83.0 m Ω
10.11.12-7.8.9			0.6250 Vrms \pm 3%	3.5 m Ω

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

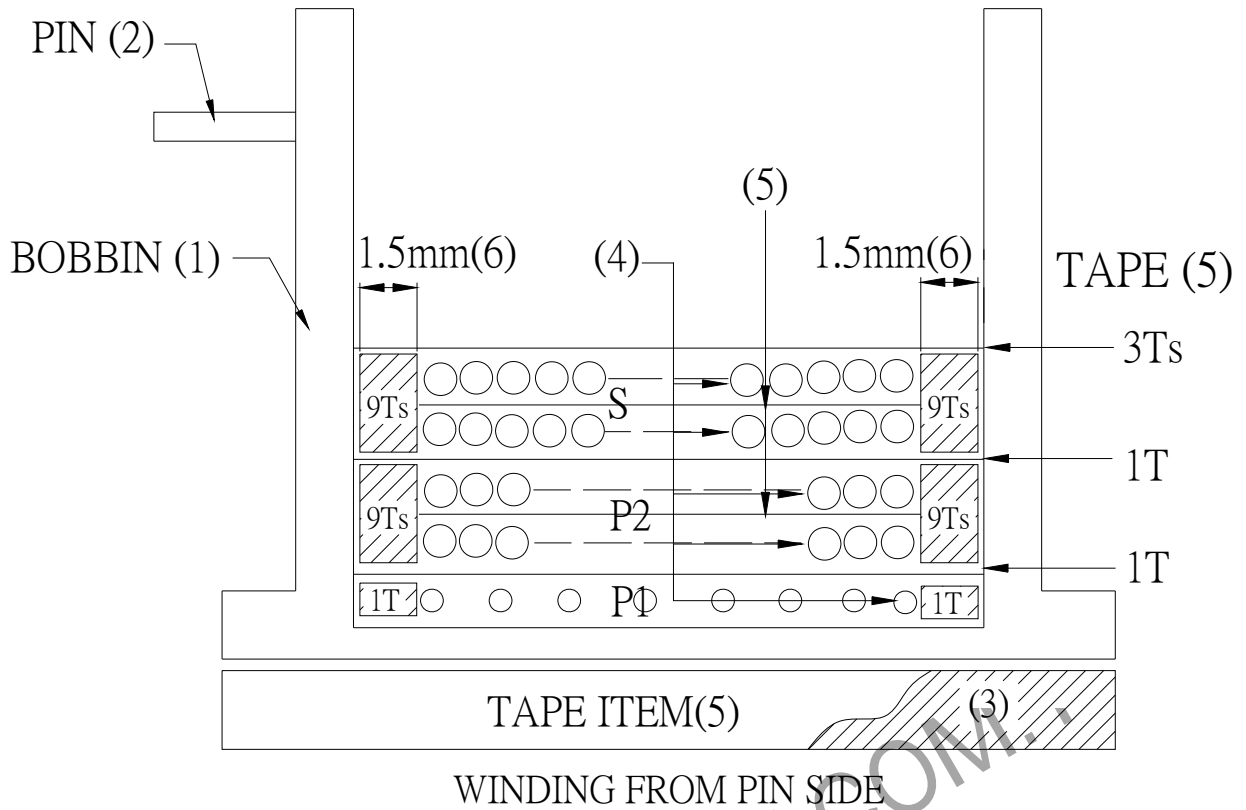
PRI	TO	SEC	1200 VAC
PRI	TO	CORE	1800 VAC
SEC	TO	CORE	1800 VAC

INSULATION RESISTANCE: (AT DC 500V)

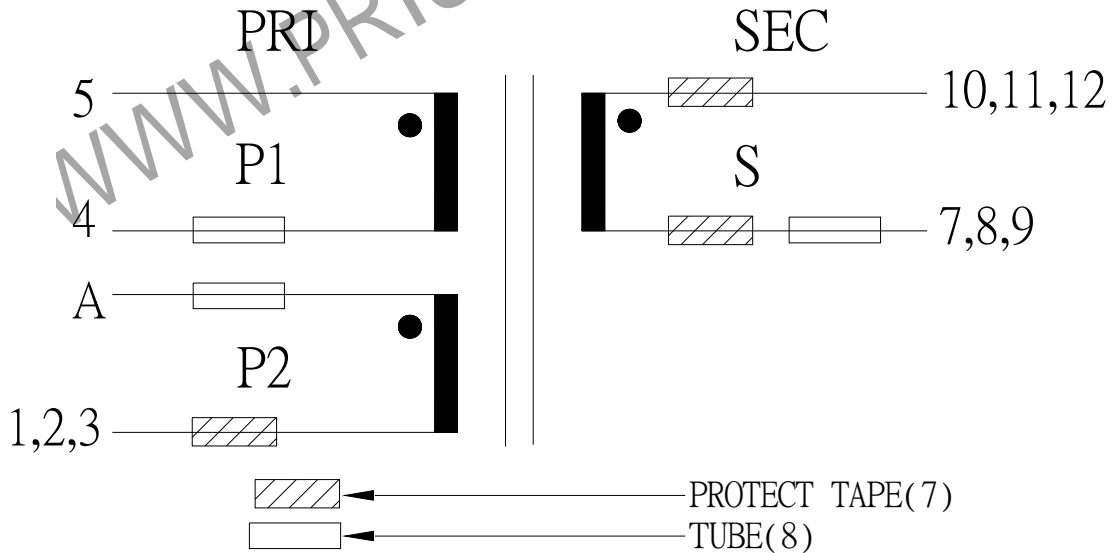
PRI	TO	SEC	100 M Ω	MIN.
PRI	TO	CORE	100 M Ω	MIN.
SEC	TO	CORE	100 M Ω	MIN.

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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.	V	E59481	CHANG CHUN
2	PIN	(2)	TINNED C.P WIRE φ 1.0			WELL FORE
3	CORE	(3)	FERRITE CORE PQ3535 TP4A			TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW75-C	V	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1 (Y)	V	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44T-A	V	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	V	E17385	3M
8	TUBE	(8)	SILICON TUBE RSU-1	V	E67922	NISSEI
9	EPOXY		6020H	V	E156256	GREAT HOLDING
10	VARNISH		TVB2180T	V	E83702	KYOCERA

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