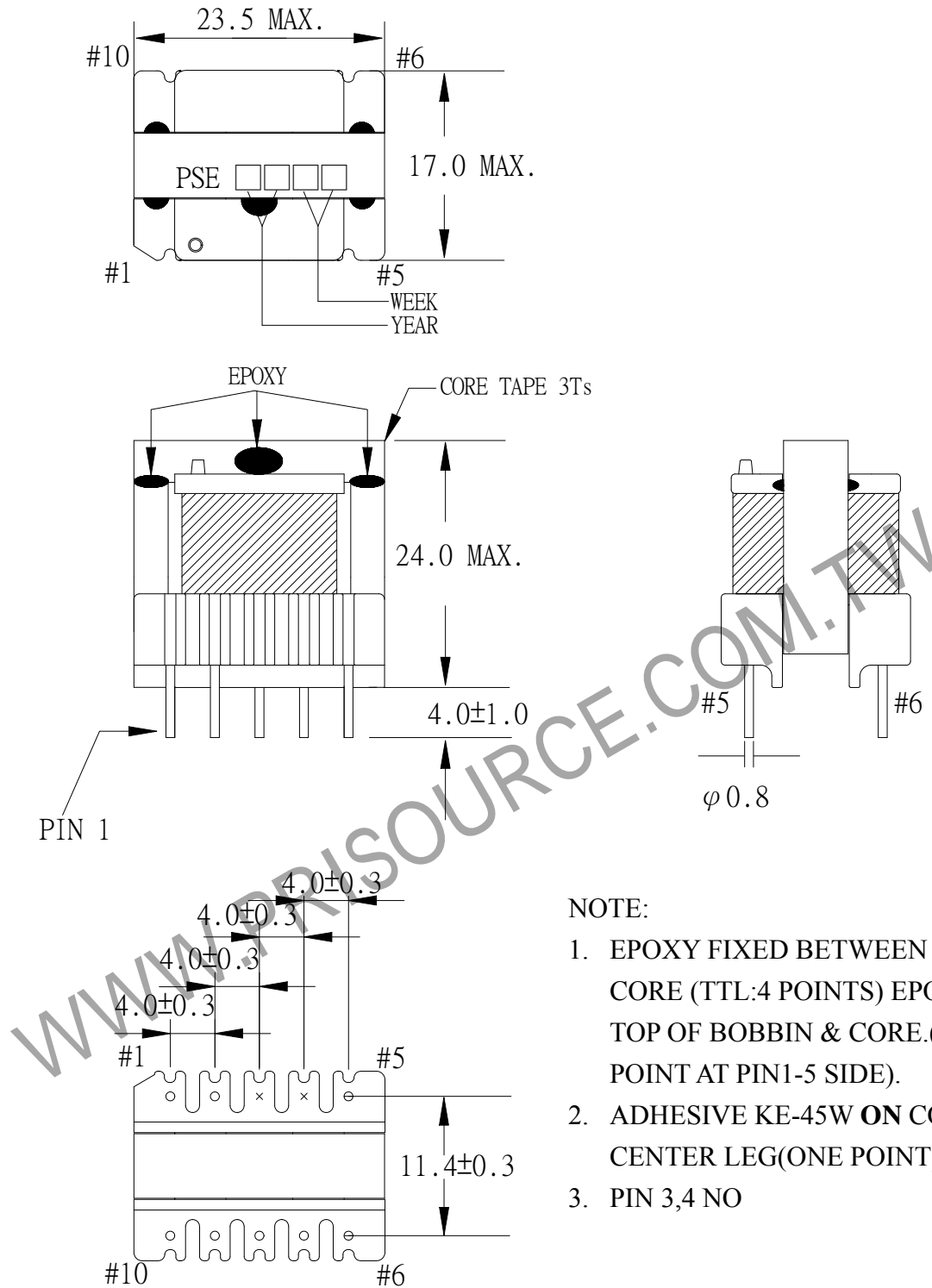


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).
2. ADHESIVE KE-45W **ON** CORE CENTER LEG(ONE POINT)
3. PIN 3,4 NO

UNIT:m/m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	P1		2 - 1	0.20 ϕ	60	1T		CLOSE SPACE
2	S1		10 - 9	0.10 ϕ /5C	15	2Ts		TRIFILAR, CLOSE
3	S2		9 - 8	0.10 ϕ /5C	15			
4	S3		7 - 6	0.10 ϕ /5C	15			

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 10 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 1.0Vrms	VOLTAGE RATIO(V) F= 20KHz INPUT 1Vrms	DCR MAX. AT 25°C
2 - 1	500.0uH \pm 15%	8.5uH \pm 25%		1.35 Ω
10 - 9		SHORT	0.2465Vrms \pm 4.0%	0.32 Ω
9 - 8		SHORT	0.2477Vrms \pm 4.0%	0.32 Ω
7 - 6		SHORT	0.2500Vrms \pm 4.0%	0.32 Ω

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

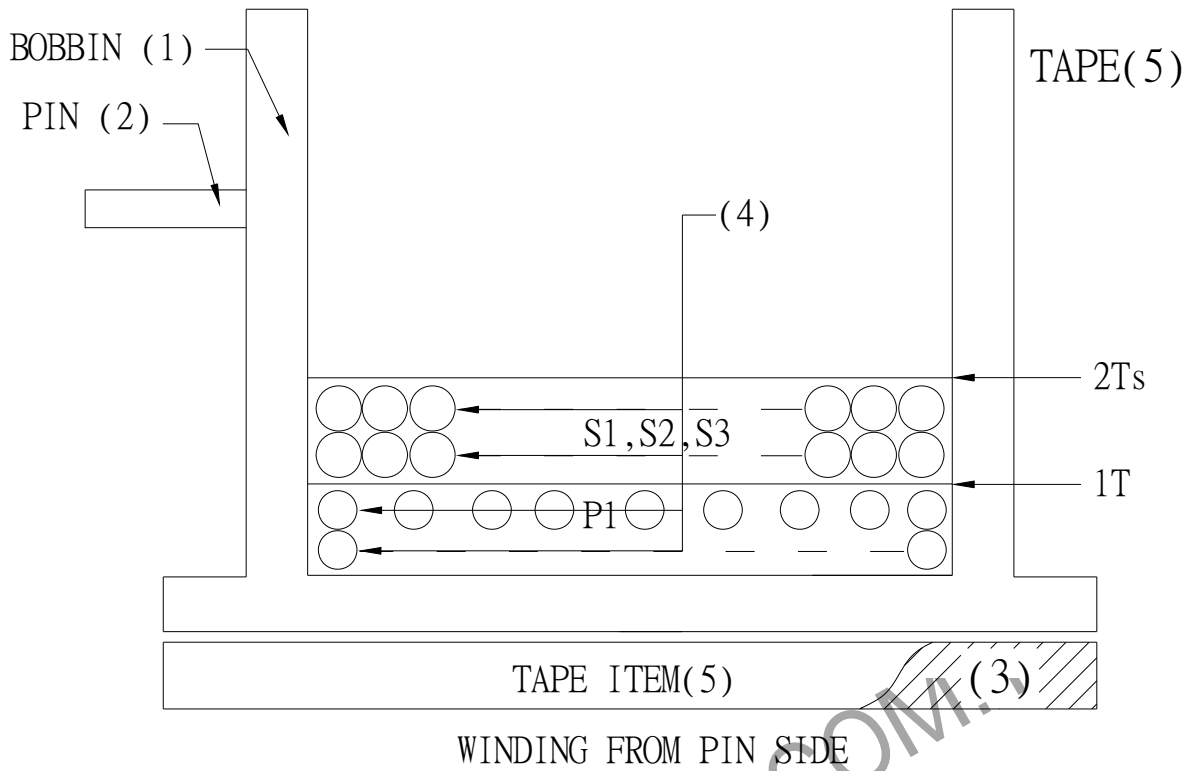
PRI. TO SEC. 350 VAC
 PRI, SEC. TO CORE. 350 VAC

INSULATION RESISTANCE: (AT DC 500V)

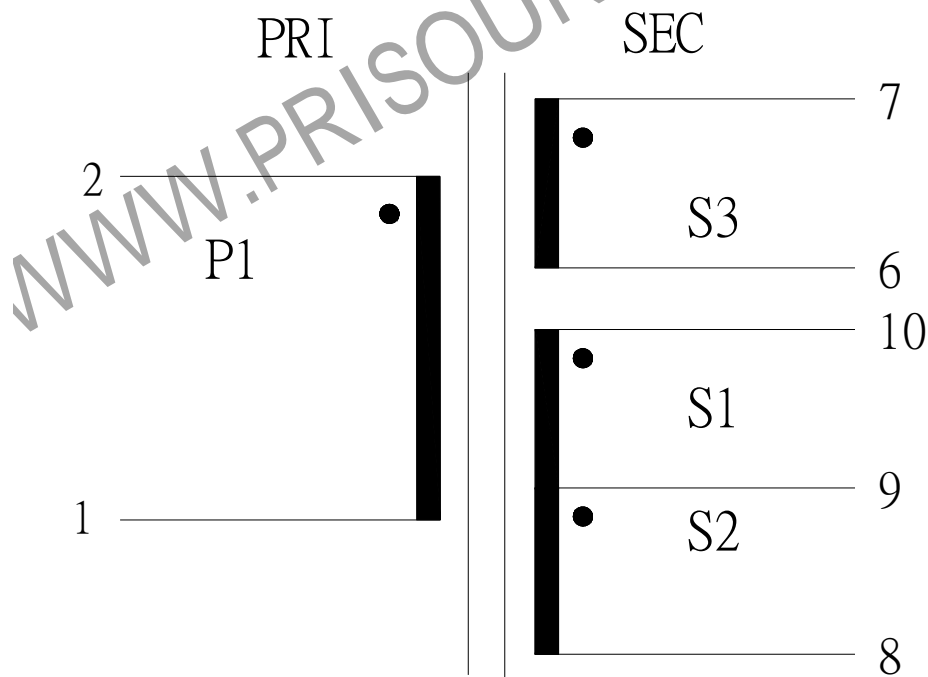
PRI. TO SEC. 100 M Ω MIN.
 PRI, SEC. TO CORE. 100 M Ω MIN.

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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:0.65mm Min.	✓	E59481	CHANG CHUN
2	PIN	(2)	TINNED C.P WIRE Φ0.8	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EI-22A TP4	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(1UEWF) MW79 TY1700-U155	✓	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1 (Y)	✓	E17385	3M
6	EPOXY		6020H KE-45W	✓ ✓	E229633 E48923	WELLS SHIN ETSU
7	VARNISH		WP-2952F-2G	✓	E72979	HITACHI

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