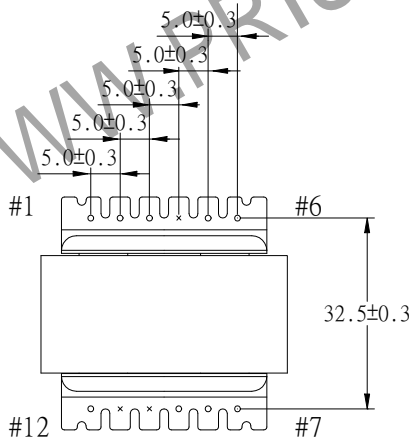
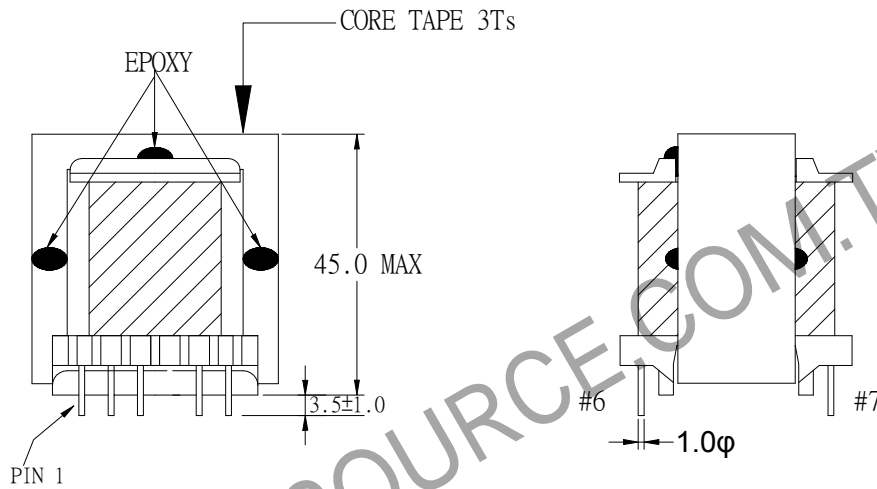
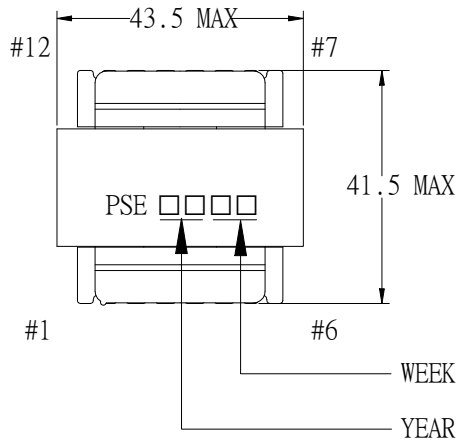


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-6 SIDE).
3. ADHESIVE KE-45W **ON** CORE CENTER LEG(ONE POINT)
4. PIN 4,10,11 NO
5. THE HALF OF CORE (GAP CORE) PUT ON BOTTOM SIDE ,
THE HALF OF CORE (NO GAP CORE) PUT ON TOP SIDE

UNIT:mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1						25Ts		
2	N		3 - 5	0.08φ/140	18	1T/2Ts		CLOSE

NOTE:

1.the first layer = 16Ts Min (preferable 18Ts).

2. the second layer = 2Ts Max (preferable 0Ts).

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 100 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 0.1Vrms	VOLTAGE RATIO(V) F= 20KHz	DCR MAX. AT 25°C
3 - 5	51.0uH±3.0%			57.0mΩ

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

COIL. TO CORE. 600 VAC

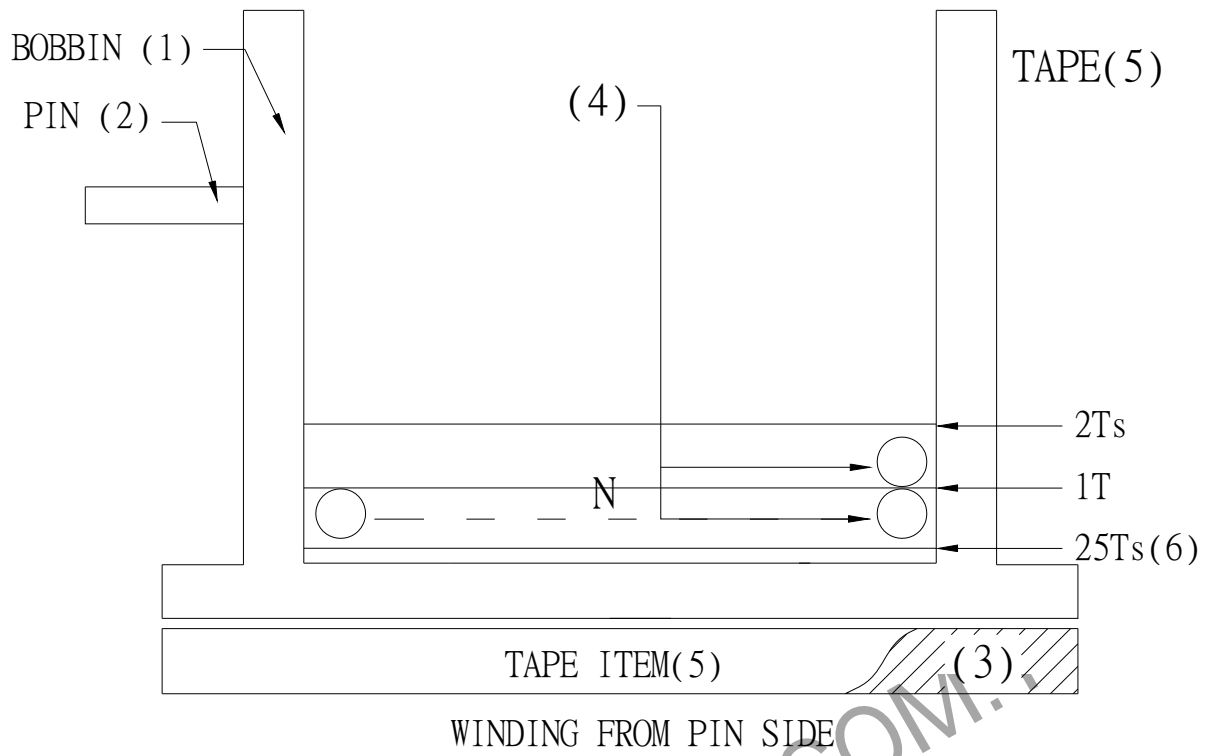
INSULATION RESISTANCE:(AT DC 500V)

COIL. TO CORE. 100 MΩ MIN.

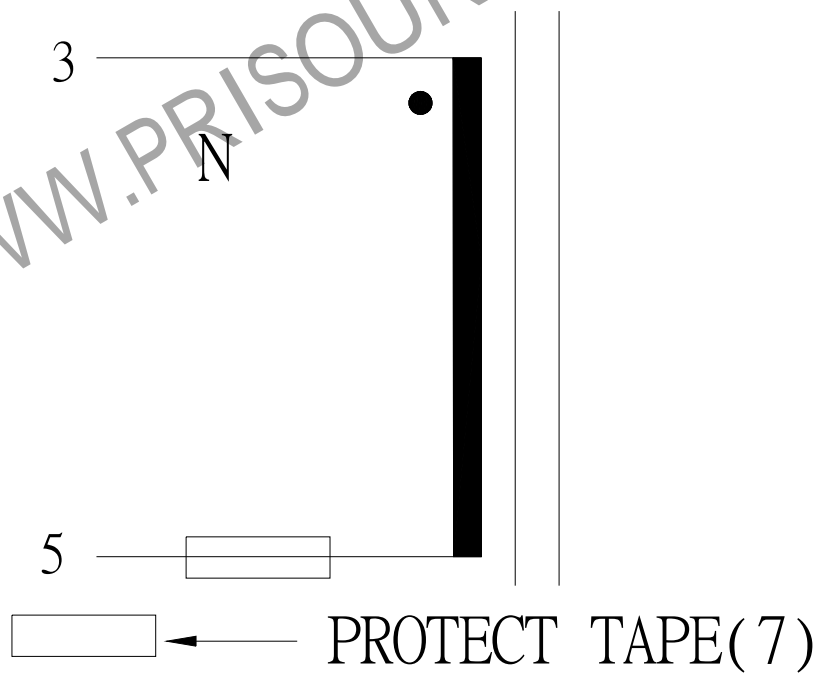
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4. WINDING SEQUENCE:



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:0.65mm Min.	✓	E59481	CHANG CHUN
2	PIN	(2)	TINNED C.P WIRE Φ1.0	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EE42/20 TP4A	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(USTC) LZ-UEWFB& MW79-C	✓	E197768	HENG YA
5	MYLAR TAPE	(5) (6)	POLYIMIDE FILM #1318-1 (Y) #1318-2 (Y)	✓	E17385	3M
6	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	✓	E17385	3M
7	EPOXY		6020H KE-45W	✓	E229633	WELLS SHIN ETSU
8	VARNISH		WP-2952F-2G	✓	E72979	HITACHI

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