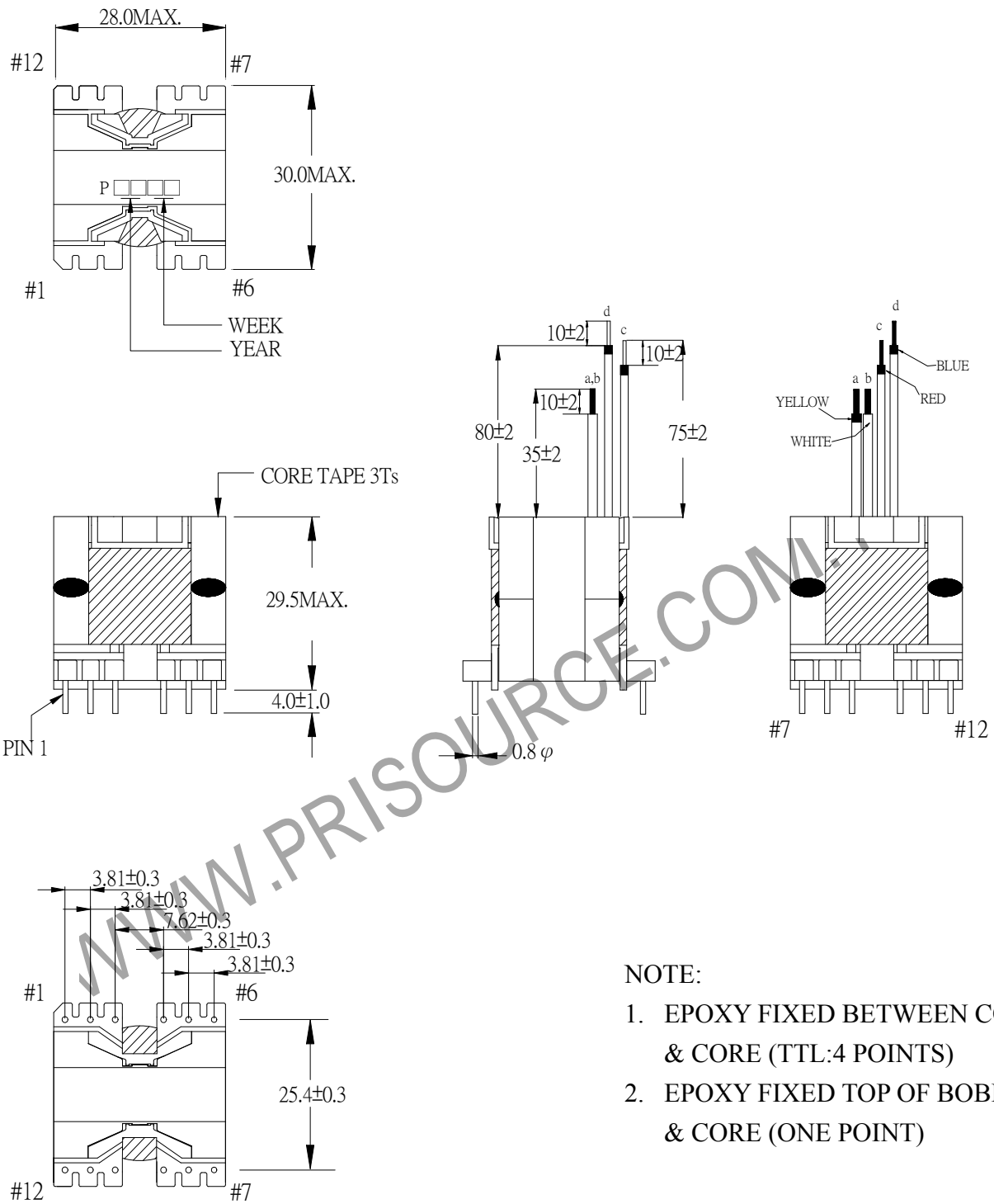


1.MECHANICAL & ASSEMBLY:



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. EPOXY FIXED TOP OF BOBBIN & CORE (ONE POINT)

UNIT : m/ m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	P		1 - 2	0.40 ϕ ×2	32	3Ts		CLOSE
2	A		b - a	0.40 ϕ ×3	13	1T	1.0 ϕ	CLOSE
3	B		7 - 8	0.40 ϕ	5	1T		BIFILAR, SPACE
4	C		9 - 10	0.40 ϕ	5			
5	D		d - c	0.40 ϕ	2	3Ts	0.8 ϕ	BIFILAR, CLOSE
6	E		11 - 12	0.40 ϕ	2			
7	F		5 - 6	0.40 ϕ	5	3Ts		SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, mVrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
1 - 2	425.0uH ±10%		INPVT 1Vrms	135.0m Ω
b - a			0.4065Vrms±4%	45.0m Ω
7 - 8			0.1561Vrms±4%	60.0m Ω
9 - 10			0.1563Vrms±4%	55.0m Ω
d - c			0.0628Vrms±5%	55.0m Ω
11 - 12			0.0629Vrms±5%	30.0m Ω
5 - 6			0.1560Vrms±4%	65.0m Ω

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

PRI	TO	SEC	1800VAC
PRI	TO	CORE	1800VAC

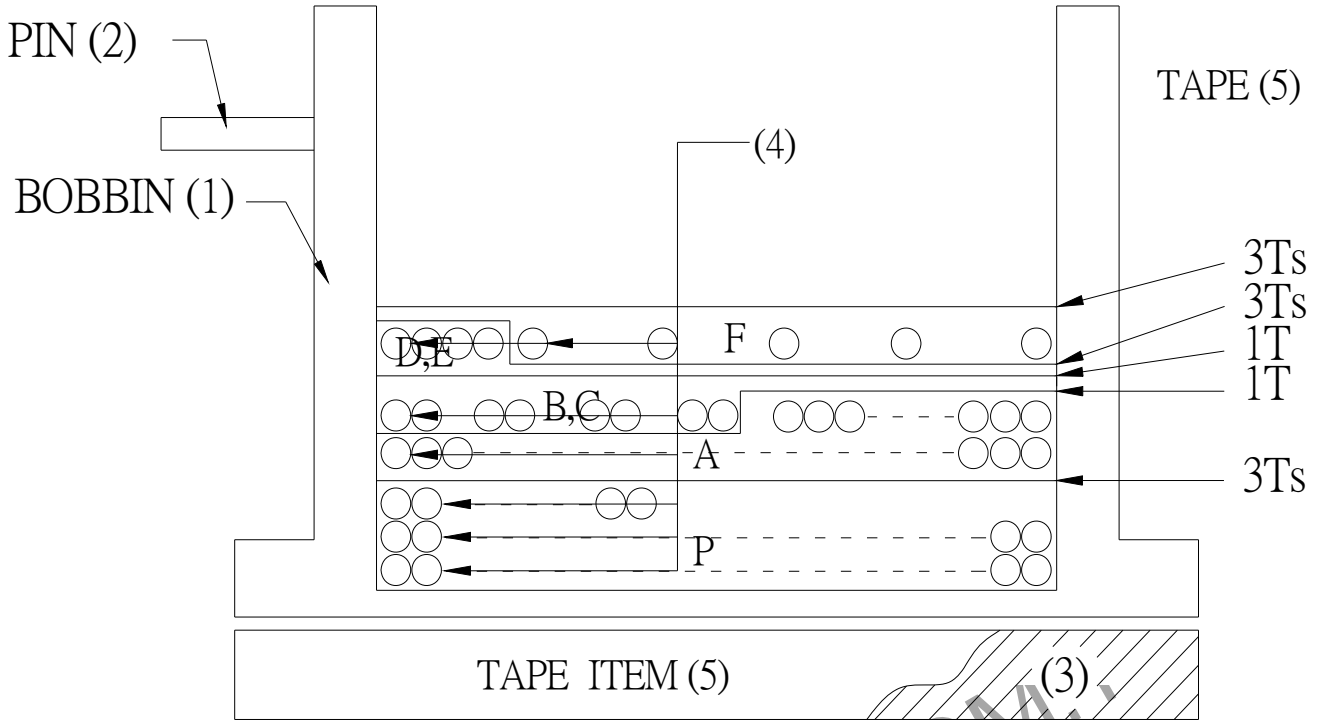
INSULATION RESISTANCE: (AT DC 500V)

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

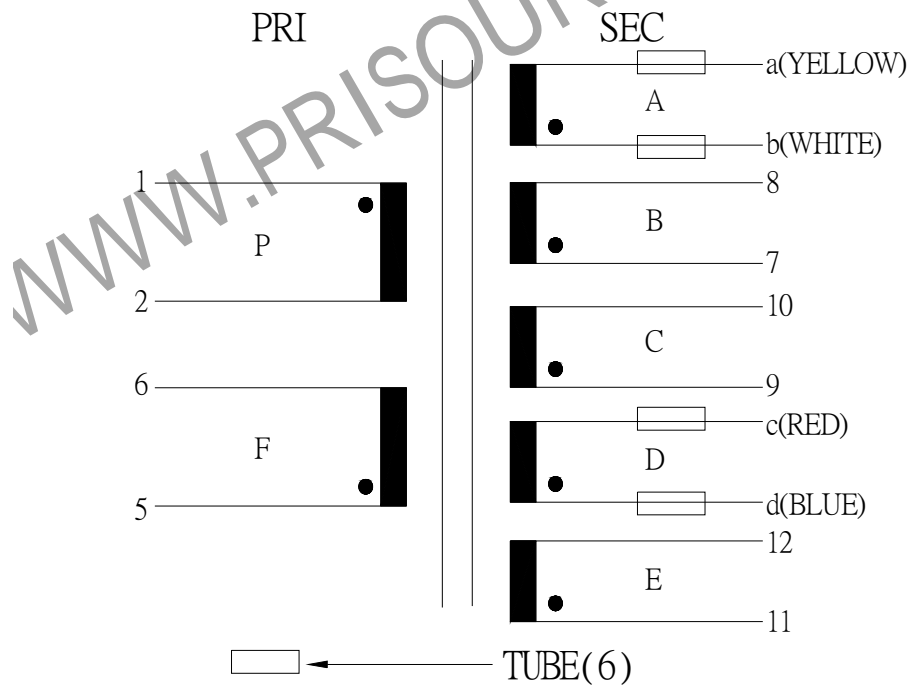
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4. WINDING SEQUENCE:



5. SCHEMATIC:



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6 . MATERIALS LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.30 mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE 0.8 φ	√		WELL FORE
3	CORE	(3)	FERRITE CORE PQ2625 TP4A	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW75-C	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1(Y)	√	E17385	3M
6	TUBE	(6)	SILICON TUBE RSU-1	√	E67922	NISSEI
7	EPOXY		6020H	√	E229633	WELLS
8	VARNISH		TVB2180T	√	E83702	KYOCERA

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