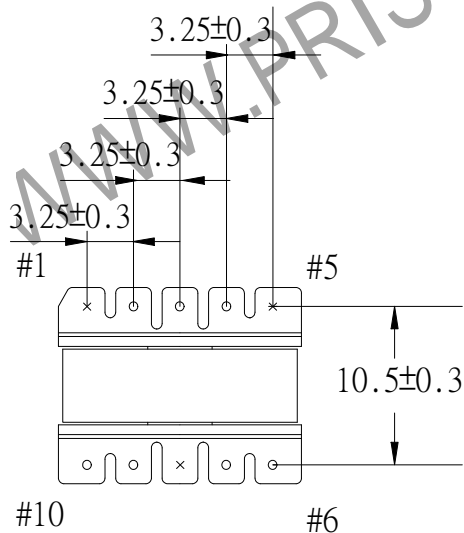
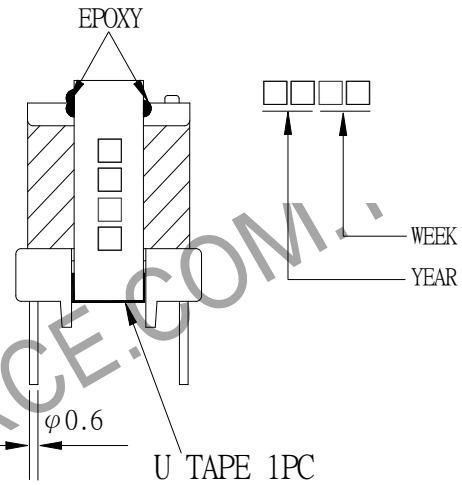
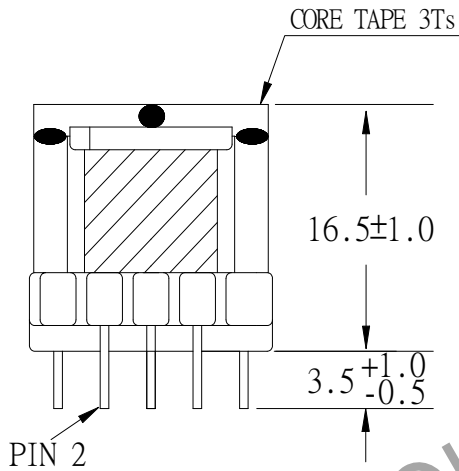
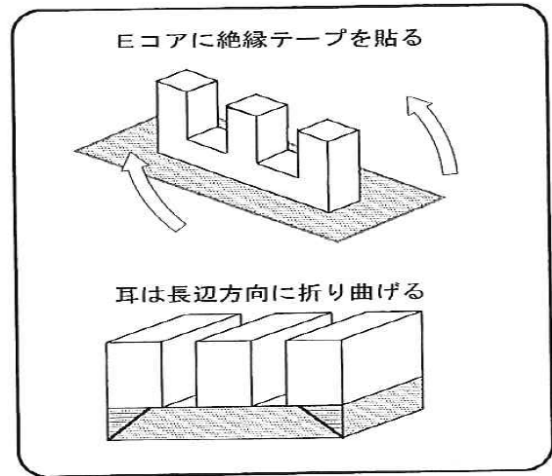
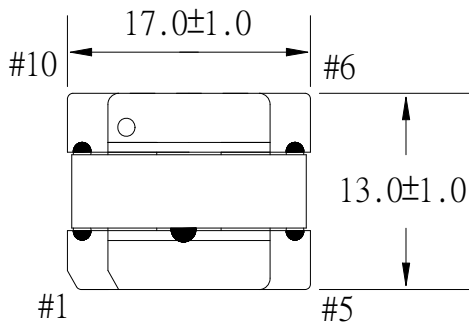


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).
2. PIN 1,5,8 NO.
3. BOTTOM OF CORE MUST BE WRAPPED A ISOLATION TAPE 1 PC , THE WRAPPING METHOD SHOULD BE THE SAME AS THE PICTURE ABOVE

UNIT : mm

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	N2		10 - 9	FWX-E 0.14φ	50	3Ts		CLOSE SPACE
2	N1		4 - 2	FWX-E 0.14φ	50	3Ts		CLOSE SPACE
3	N3		7 - 6	FWX-E 0.14φ	50	3Ts		CLOSE SPACE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 100 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 1.0Vrms	VOLTAGE RATIO(V) f= 20KHz INPUT 1V	DCR MAX AT 25°C
2 - 4	2.5mH ±25%	4.45uH MAX	INPUT 1V	2.0 Ω
9 - 10		SHORT	0.9989Vrms±3.0%	1.8 Ω
6 - 7		SHORT	0.9993Vrms±3.0%	2.5 Ω

HI-POT TEST : (AT 0.5 mA, 2 SEC)

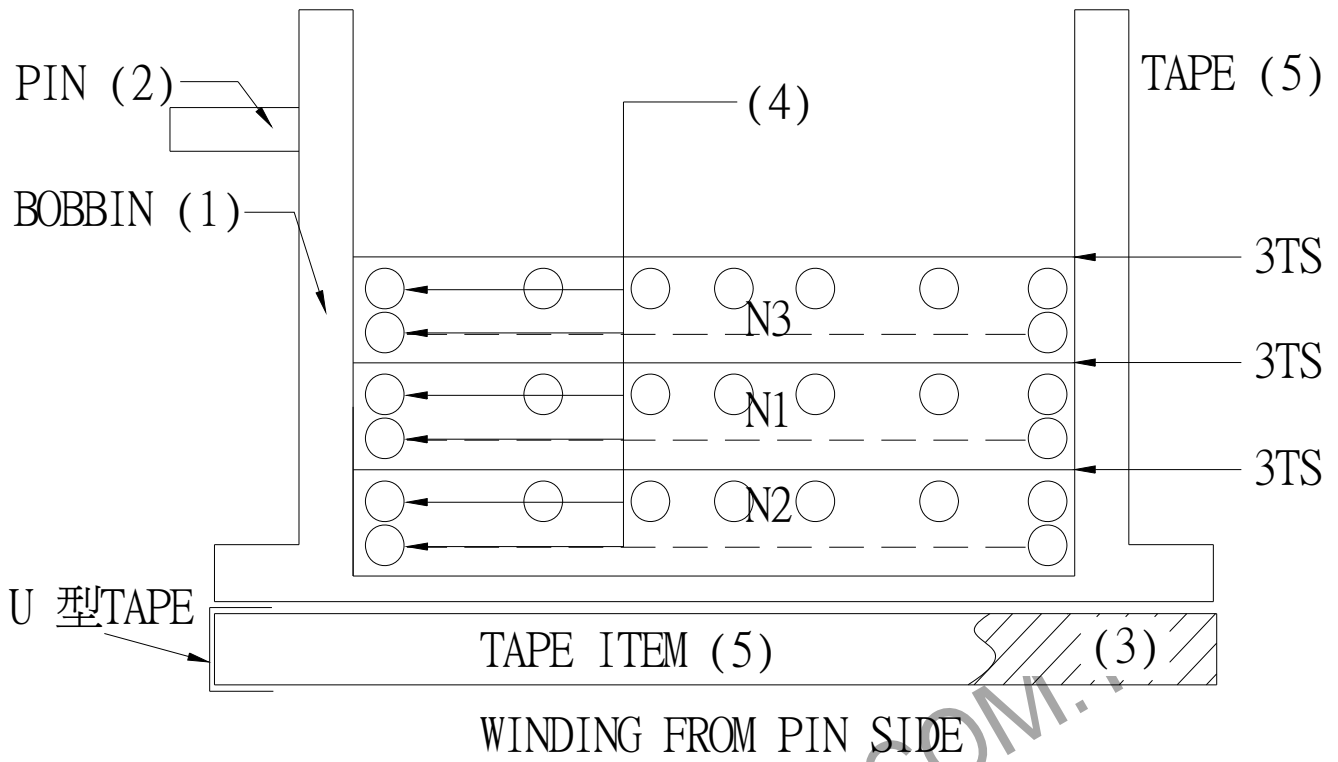
PRI TO SEC 1800 VAC  
SEC TO SEC 1800 VAC

INSULATION RESISTANCE: (AT DC 500V)

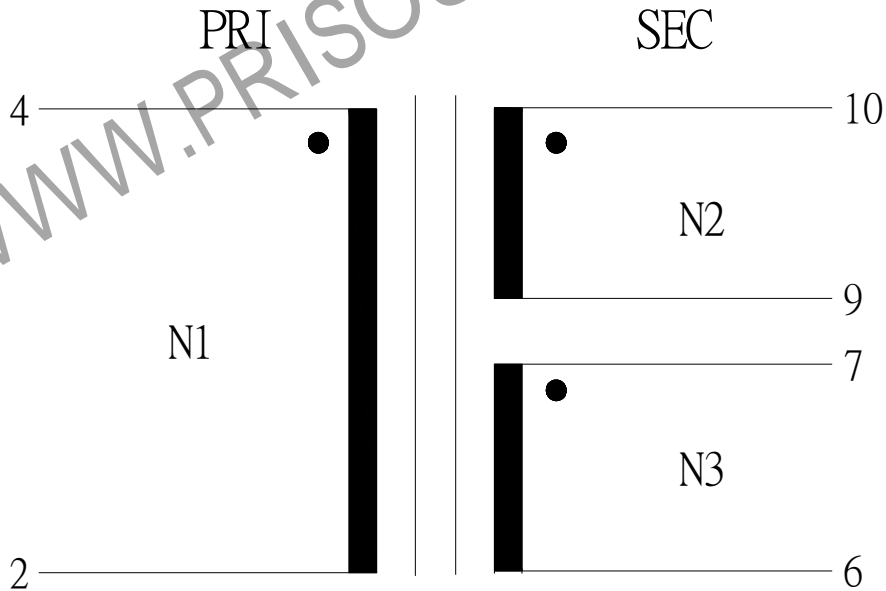
PRI TO SEC 100 MΩ MIN.  
SEC TO SEC 100 MΩ MIN.

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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 (PM9820) Thickness:0.3 mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE $\phi$ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EI-16 TP4	✓		TDG
4	COPPER WIRE	(4)	FWX-E $\phi$ 0.14	✓	E206440	FURUKAWA
5	MYLAR TAPE	(5)	POLYESTER FILM # 1318-1(Y)(B)(C)	✓	E17385	3M
6	EPOXY		EP-138	✓		CEMEDINE
7	VARNISH		TVB2180T	✓	E83702	KYOCERA

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