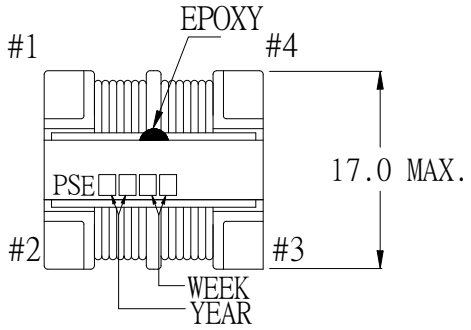
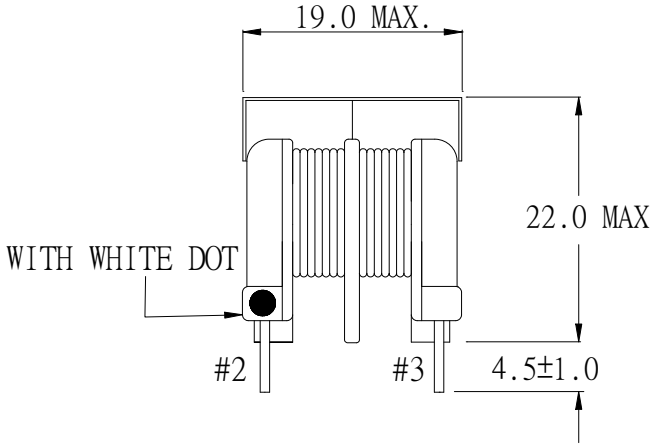
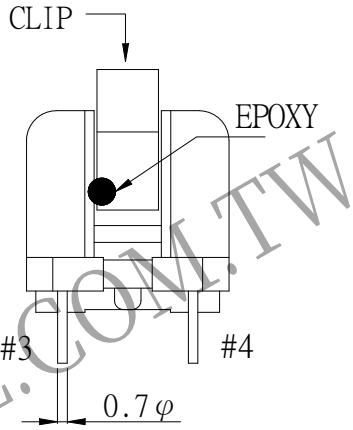
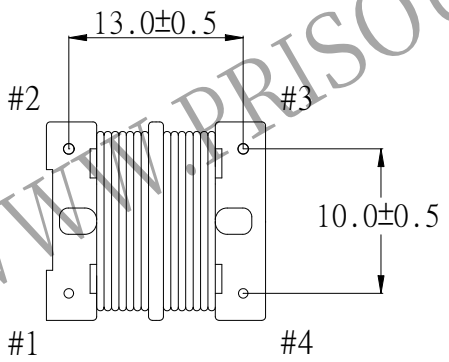
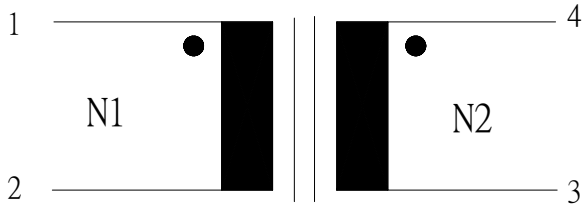
1.MECHANICAL & ASSEMBLY：











UNIT : mm

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2. WINDING CONFIGURATION:

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1	N1		1 – 2	0.3φ	66 REF.		CLOSE
2	N2		4 – 3	0.3φ	66 REF.		CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS:

PIN NO.	INDUCTANCE 1.0KHz, 1.0 Vrms	Q VALUE 10KHz,0.1 Vrms	VOLTAGE RATIO(V) F= KHz	DCR MAX. AT 25℃
1 – 2	9.0 mH Min			1.8 Ω
4 – 3	9.0 mH Min			1.8 Ω

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HI-POT TEST: (AT 1 mA, 1 SEC.)
COIL. TO COIL. 2000 VAC

INSULATION RESISTANCE:(AT DC 500V)
COIL. TO COIL 100MΩ Min.

RATED CURRENT: 0.7A

RATED VOLTAGE: 300V

TEMPERATURE CLASS: MEET CLASS F (155℃) INSULATION SYSTEM
"SBI5.1"

6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (PM-9820) Thickness:0.6mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE Φ0.7	√		WELL FORE
3	CORE	(3)	FERRITE CORE UU10.5 UF10.5 TL10	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEWF) TYA1-U155 MW79	√	E197768	HENG YA
5	CLIP		C-004-1	√		PIN SHINE
6	VARNISH		TVB2180T	√	E83702	KYOCERA
7	EPOXY		6020H	√	E229633	WELLS

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