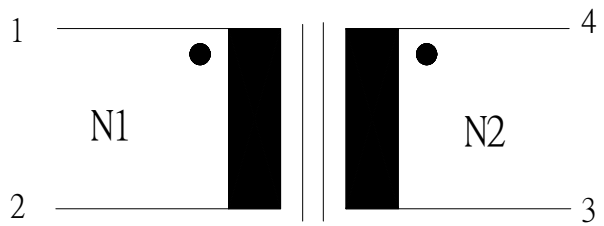
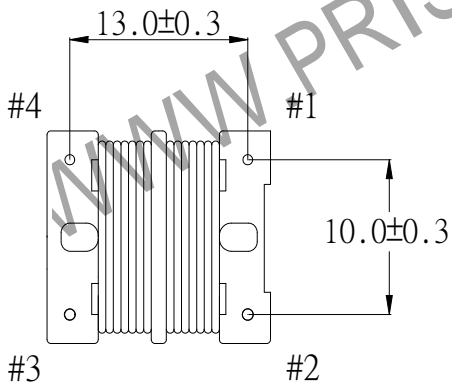
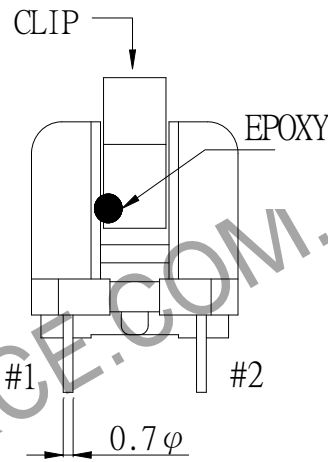
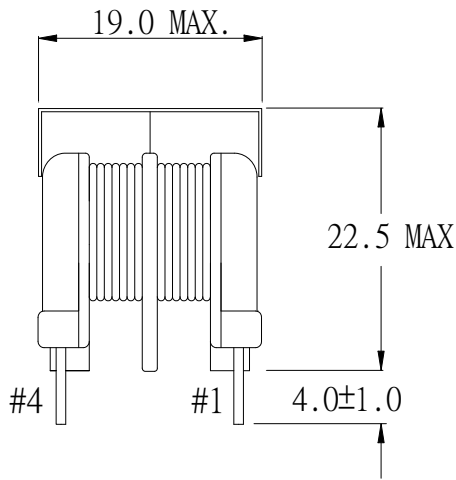
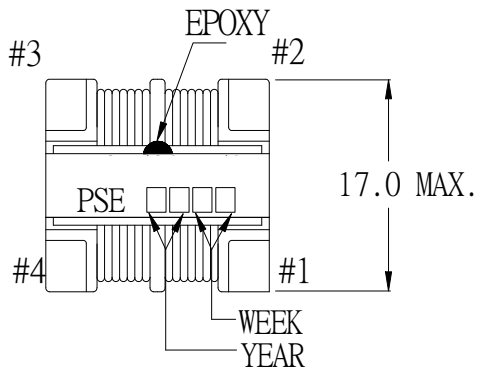


# 1. MECHANICAL & ASSEMBLY :



UNIT : m/ m

## NOTE:

1. Use one drop epoxy on the seam of the core and pin2-3 side to fix the core.
2. Use one drop epoxy on the seam of the Bobbin and pin1-2 side to fix the core.

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## 2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1	N1		1 - 2	0.45φ	40		CLOSE
2	N2		4 - 3	0.45φ	40		CLOSE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0KHz, 0.3 Vrms	DC SATURATION KHz, Vrms+DC A	VOLTAGE RATIO(V) F = 20 KHz INPUT 0.1V	DCR MAX. AT 25°C
1 - 2	5.0 mH MIN		0.0997Vrms±4.0%	177.0mΩ
4 - 3	5.0 mH MIN			177.0mΩ

HI-POT TEST: (AT 1 mA, 2 SEC.)  
COIL. TO COIL. 2400 VAC

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

RATED CURRENT: 1.5A

RATED VOLTAGE: 300V

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6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (T375J) Thickness:0.8mm Min.	√	E59481	CHANG CHUN
2	PIN	(2)	TINNED COPPER WIRE Φ0.7	√		WELL FORE
3	CORE	(3)	FERRITE CORE UF10.5 TL13	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW75-C	√	E197768	HENG YA
5	CLIP		C-004-1	√		PIN SHINE
6	VARNISH		TVB2180T	√	E83702	KYOCERA
7	EPOXY		6020H	√	E229633	WELLS

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