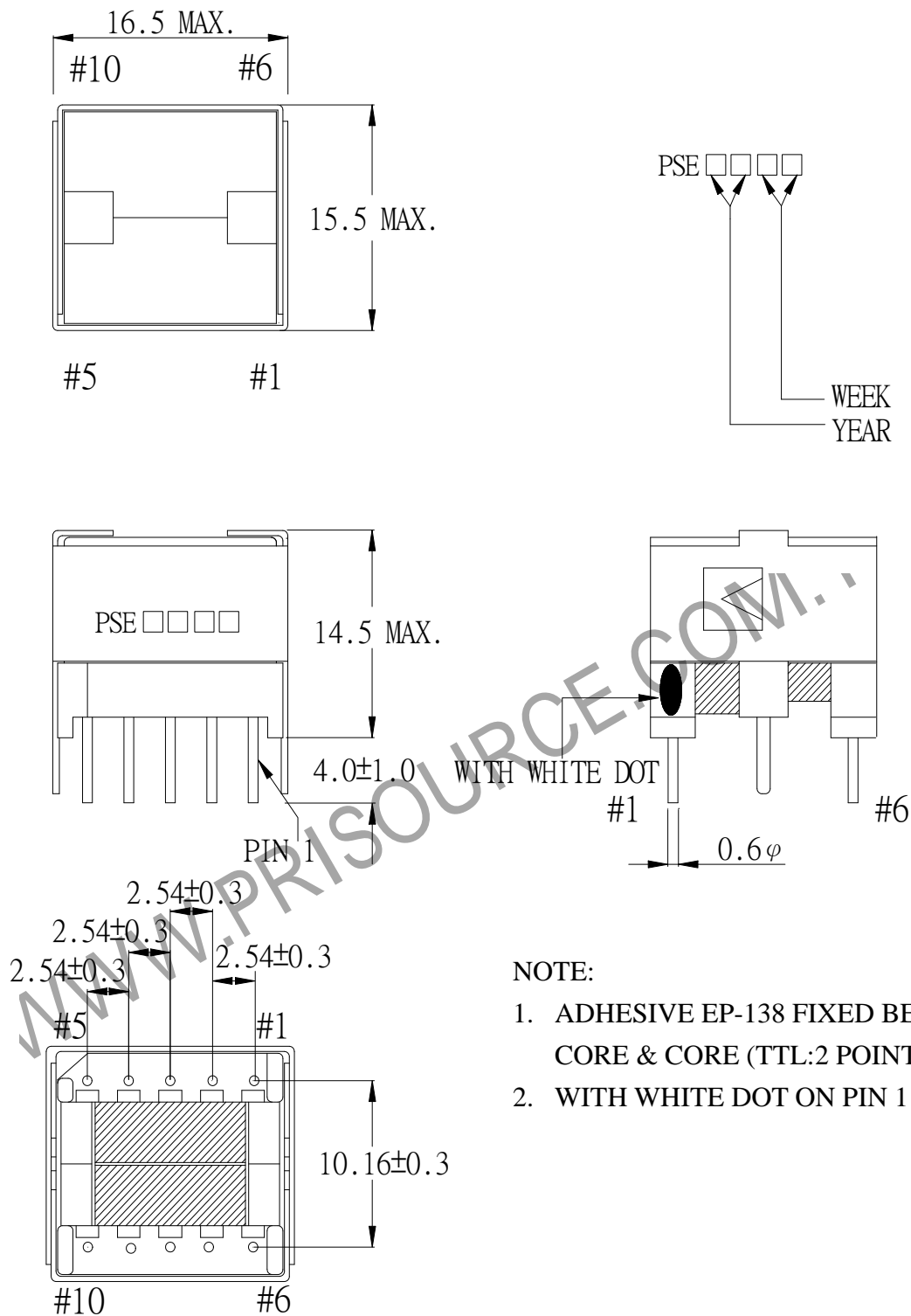


1. MECHANICAL & ASSEMBLY :



UNIT : m/ m

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## 2. WINDING CONFIGURATION:

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1	W1		1 - 2	0.18 $\phi$	33	1T	CLOSE
2	W2		2 - 3	0.18 $\phi$	33	1T	CLOSE
3	W3		6 - 7	0.18 $\phi$	33	1T	CLOSE
4	W4		7 - 8	0.18 $\phi$	33	1T	CLOSE
5	W5a		5 -	0.18 $\phi$	6	2Ts	SPACE
6	W5b		- 10	0.18 $\phi$	5	2Ts	SPACE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS:

PIN NO.	INDUCTANCE 1.0 KHz, 0.3Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) f= 20KHz INPUT 1 Vrms	DCR MAX AT 25°C
1 - 2	1.74mH $\pm$ 30%			0.55 $\Omega$
2 - 3			0.9973Vrms $\pm$ 3.0%	0.6 $\Omega$
6 - 7			0.9703Vrms $\pm$ 3.0%	0.55 $\Omega$
7 - 8			0.9697Vrms $\pm$ 3.0%	0.6 $\Omega$
5 - 10			0.3280Vrms $\pm$ 4.0%	245.0m $\Omega$

HI-POT TEST : (AT 5 mA, 2 SEC)

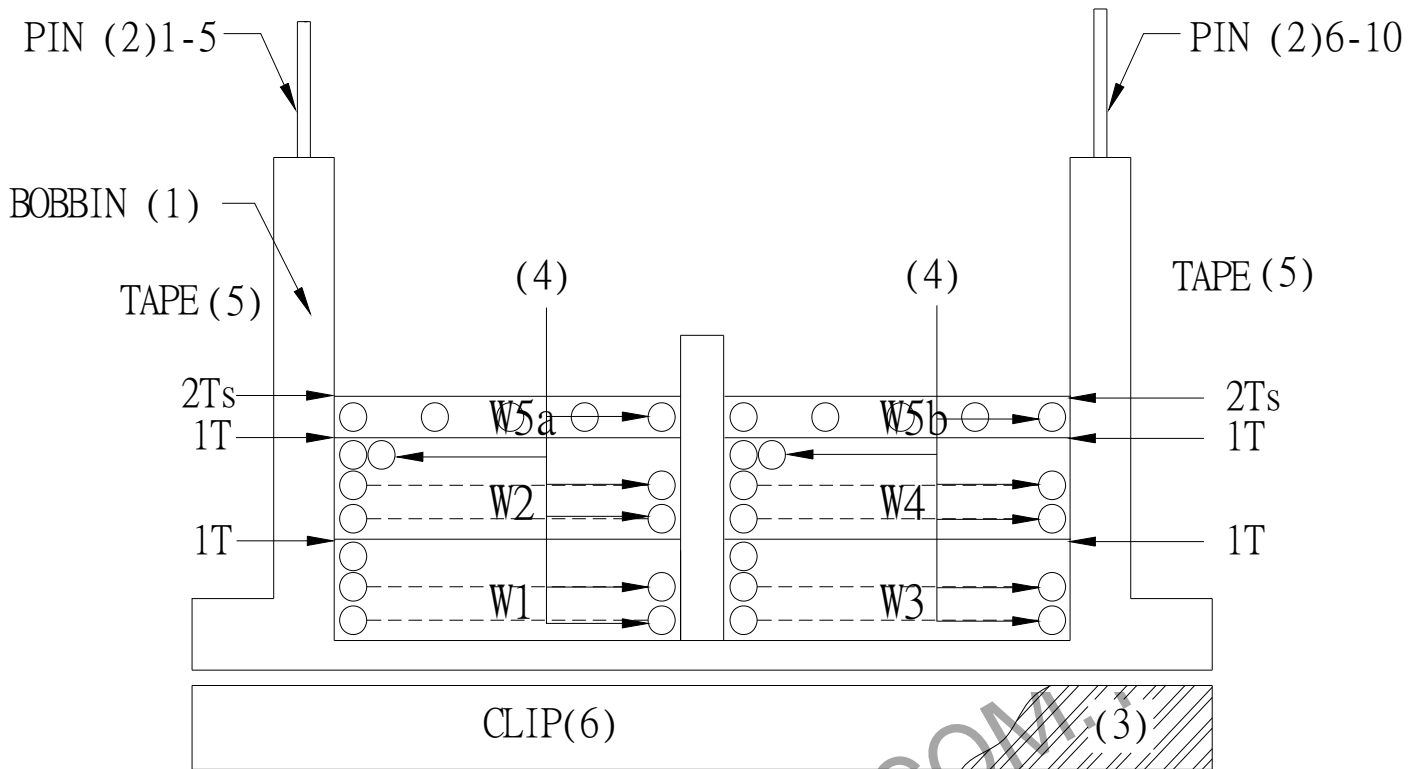
W1, W2 TO W3, W4 1500 VAC  
W5 TO W1, W2, W3, W4 600 VAC

INSULATION RESISTANCE: (AT DC 500V)

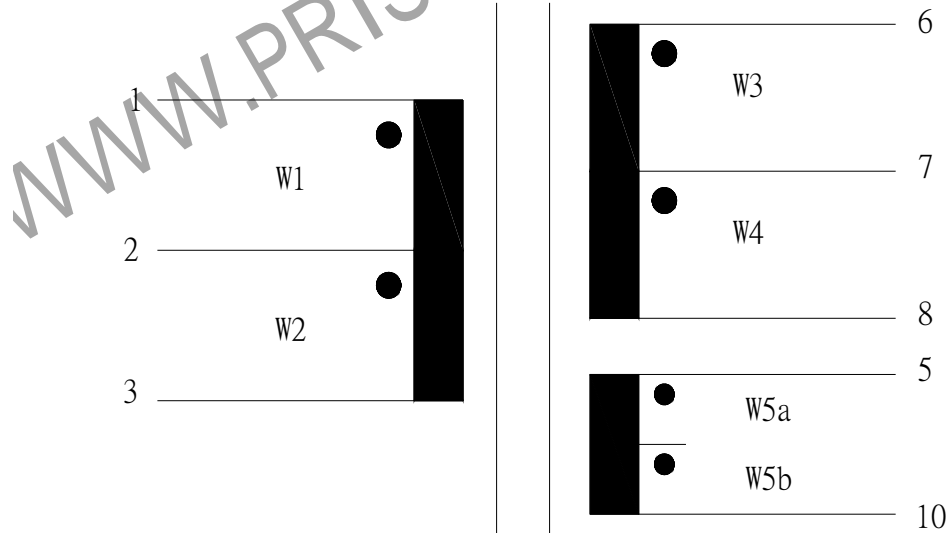
W1, W2 TO W3, W4 100 M $\Omega$  MIN.  
W5 TO W1, W2, W3, W4 100 M $\Omega$  MIN.

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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:0.50mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE φ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EP13 TP4	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEW) TYPU-130 MW75C	✓	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318Y-1	✓	E17385	3M
6	CLIP	(6)	PHOSPHOR BRONZE C-051	✓		PIN SHINE
7	ADHESIVE		EP-138	✓		CEMEDINE
8	VARNISH		TVB2180T	✓	E83702	KYOCERA

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