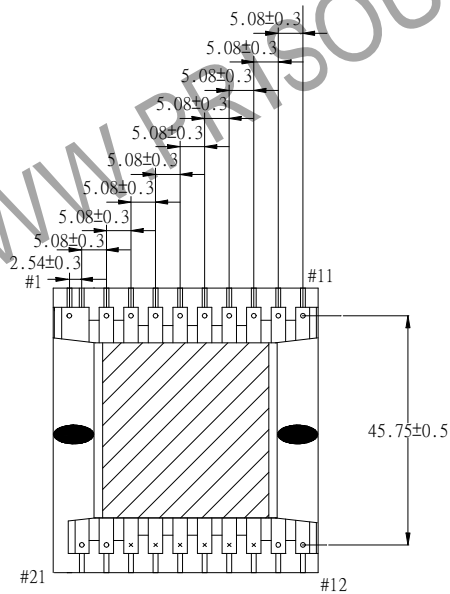
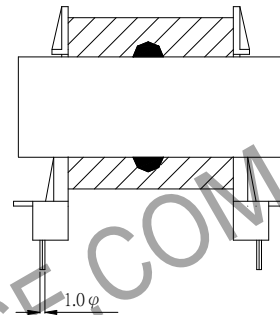
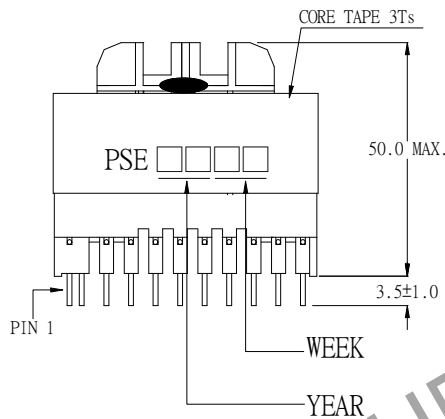
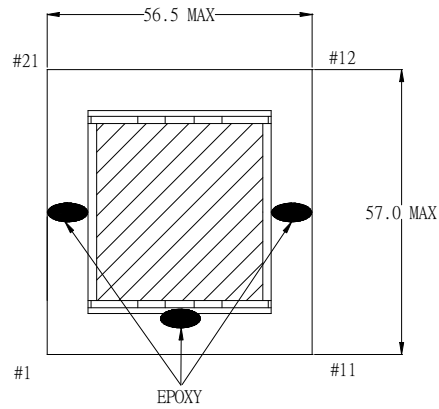


# 1. MECHANICAL & ASSEMBLY :



## NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-10 SIDE).
2. ADHESIVE KE-45W ON CORE CENTER LEG(ONE POINT)
3. PIN 14,15,16,17,18,19 NO.

UNIT : mm

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## 2. WINDING CONFIGURATION:

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1						#44D-A 4Ts	
2	N1		4 - 6	0.07 $\phi$ /378	25	2Ts	CLOSE
3	N2		8 - 10	0.20 $\phi$	3	1T	SPACE

NOTE:

## 3. ELECTRICAL CHARACTERISTICS:

	INDUCTANCE 100 KHz, 1 Vrms	INDUCTANCE 100 KHz, 1 VrmsDC 20A	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
4 - 6	110.0 $\mu$ H $\pm$ 5%		INPVT 1Vrms	43.0 m $\Omega$
8 - 10			0.1205Vrms $\pm$ 4%	265.0 m $\Omega$

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

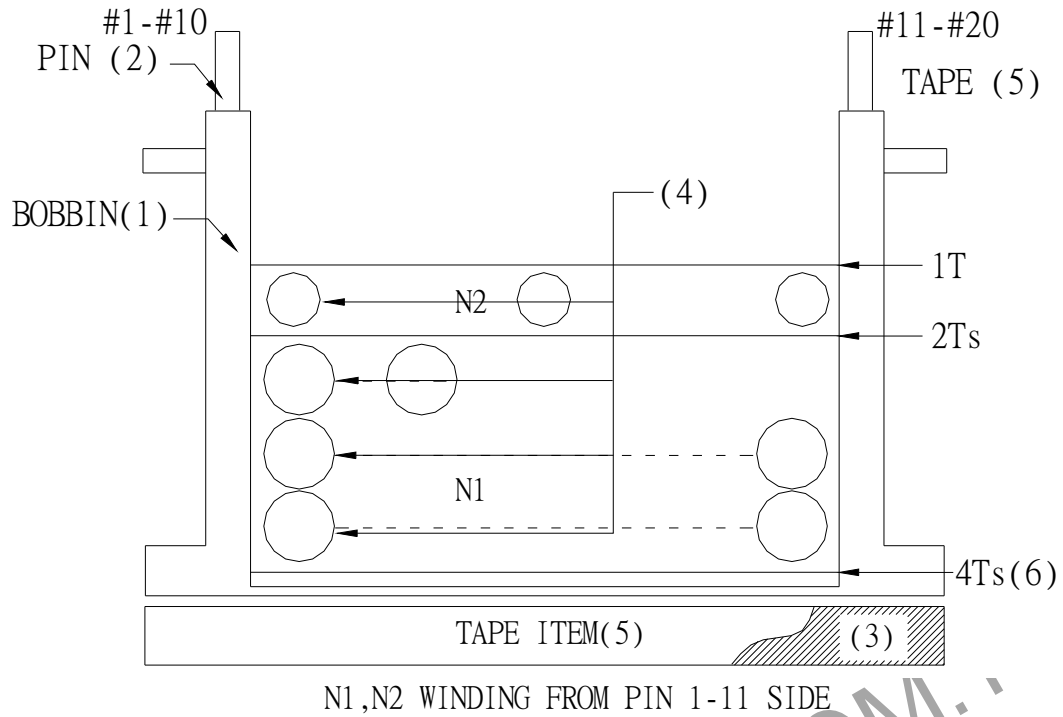
N1 TO N2 350 VAC

INSULATION RESISTANCE: (AT DC 500V)

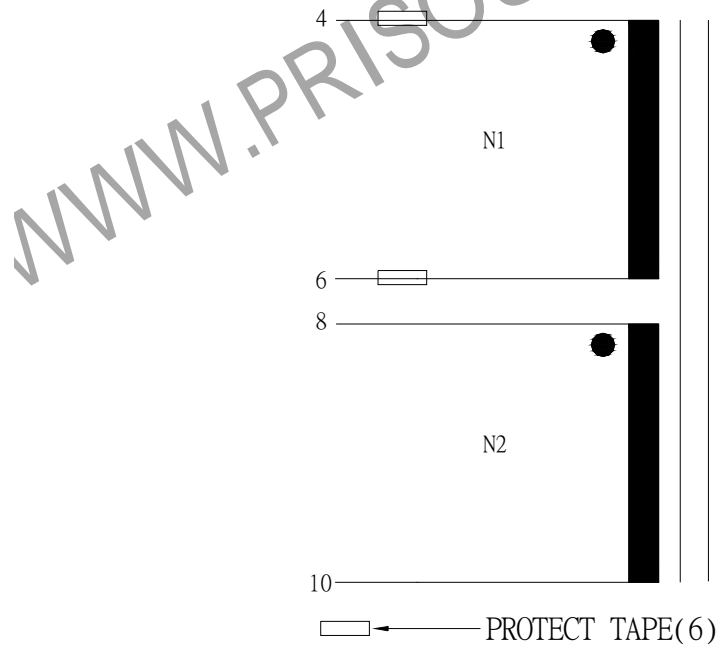
N1 TO N2 100 M $\Omega$  MIN.

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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) Thuckness:0.8mm Min.	√	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE φ1.0	√		WELL FORE
3	CORE	(3)	FERRITE CORE EE55/55/21 TP4A	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (1UEWF) MW79C TY1700-U155	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1 Y	√	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44D-A	√	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	√	E17385	3M
8	EPOXY		6020H	√	E229633	WELLS
			KE-45W	√	E48923	SHIN ETSU
9	VARNISH		WP-2952F-2G	√	E72979	HITACHI

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