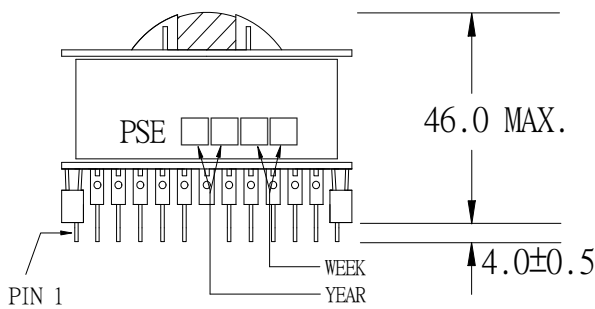
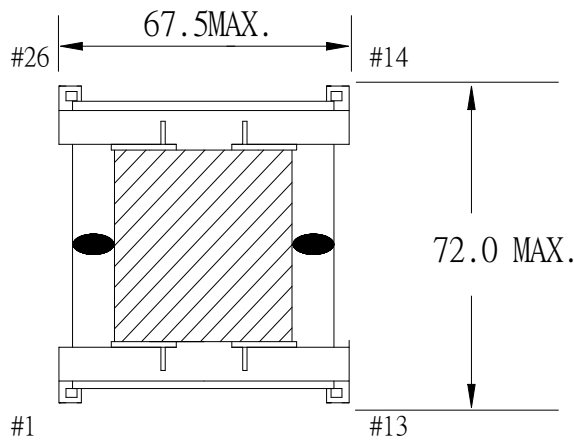
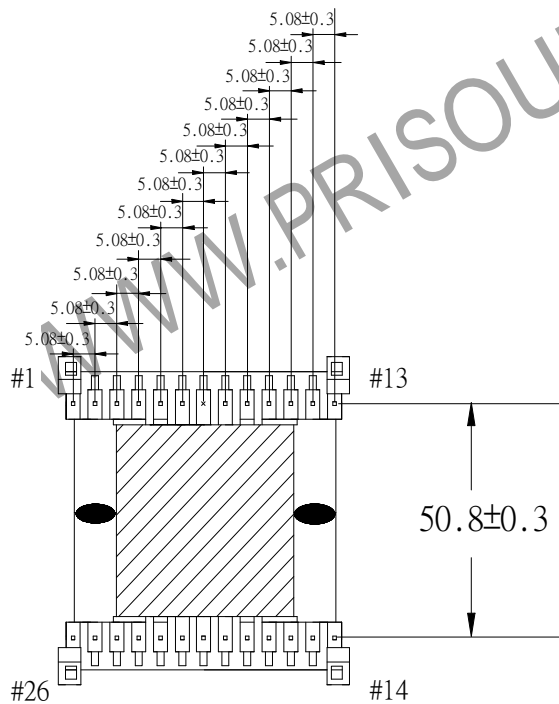
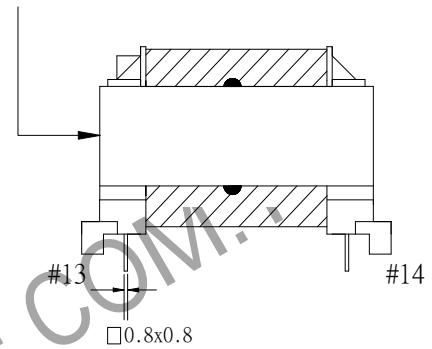


1. MECHANICAL & ASSEMBLY :



CORE TAPE 3Ts



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-13 SIDE).
2. PIN 7 NO.

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	METHOD
1	N1	3.5mm/3.5mm×5Ts	2,3 - 9,10	0.10φ/30C×8	10	3Ts	CLOSE SPACE
2	N2	3.5mm/3.5mm×7Ts	14,15 - 22,23	0.10φ/30C×7	17	3Ts	CLOSE SPACE
3	N3	3.5mm/3.5mm×5Ts	4,5 - 11,12	0.10φ/30C×8	10	3Ts	CLOSE SPACE
4	N4	3.5mm/3.5mm×7Ts	16,17 - 24,25	0.10φ/30C×7	17	3Ts	CLOSE SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) f= 20KHz INPUT 1Vrms	DCR MAX. AT 25°C
14,15 - 22,23	1.3mH MIN			24.0 mΩ
2,3 - 9,10			0.5882Vrms±3.0%	12.0 mΩ
4,5 - 11,12			0.5882Vrms±3.0%	15.0 mΩ
16,17 - 24,25			1.0000Vrms±3.0%	30.0 mΩ

HI-POT TEST : (AT 10 mA, 2 SEC)

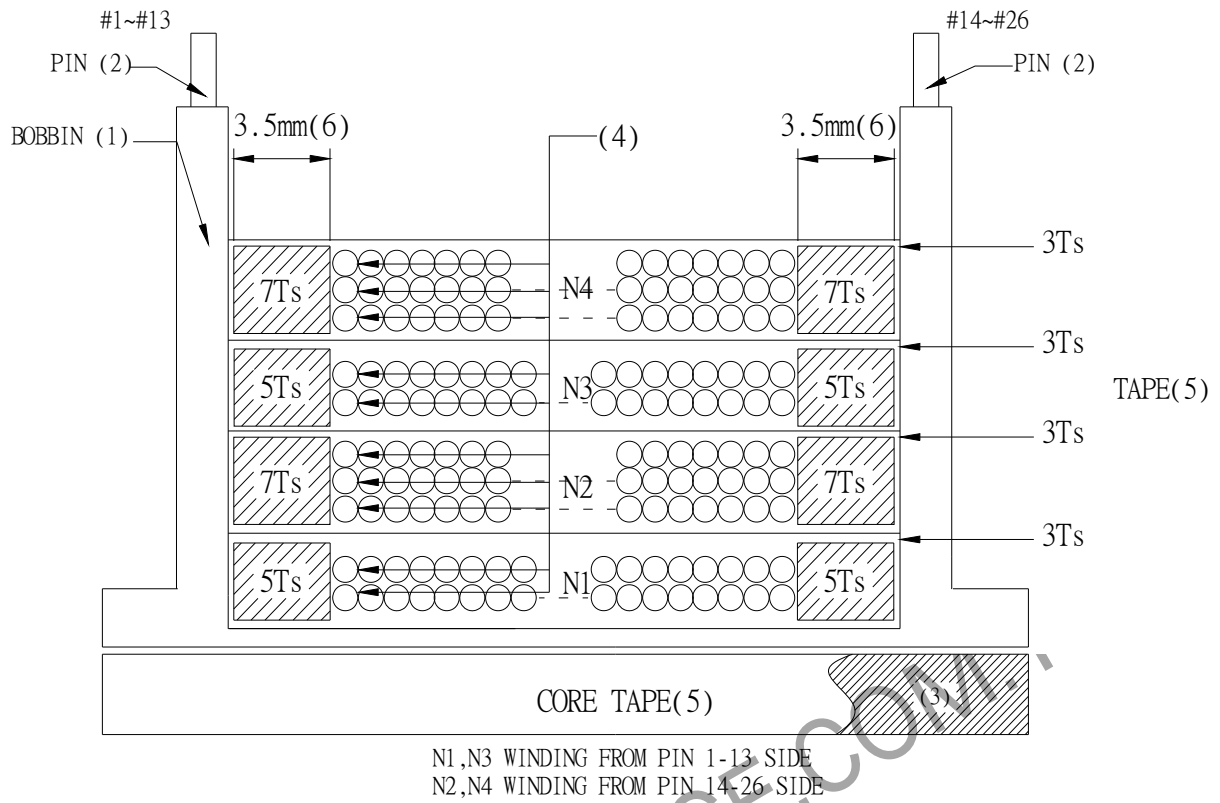
PRI	TO	SEC	3600 VAC
PRI	TO	CORE	3600 VAC
SEC	TO	CORE	2400 VAC

INSULATION RESISTANCE: (AT DC 500V)

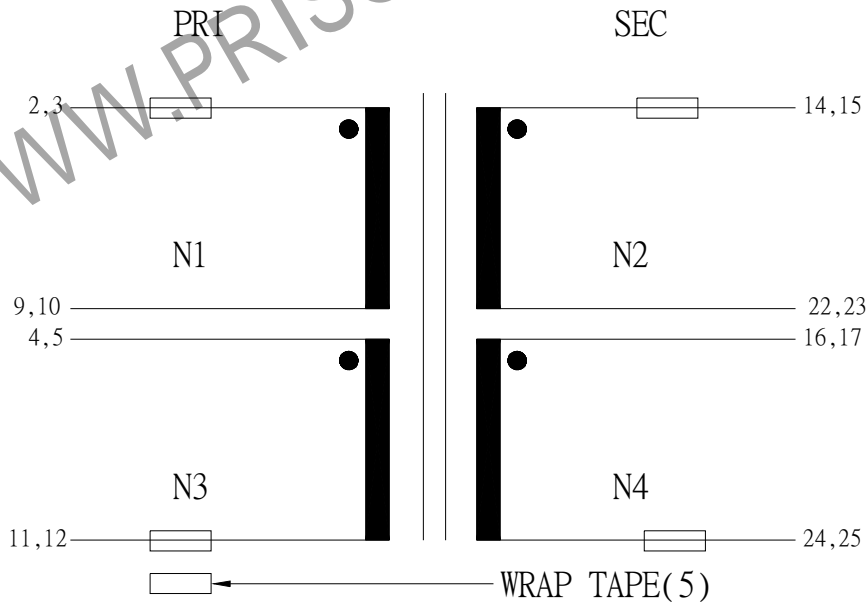
PRI	TO	SEC	100 MΩ	MIN.
PRI	TO	CORE	100 MΩ	MIN.
SEC	TO	CORE	100 MΩ	MIN.

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4. WINDING SEQUENCE :



5. SCHEMATIC :



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6 . MATERIALS LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC (FR530) Thickness:0.40mm Min.	√	E41938	E I DUPONT
2	PIN	(2)	TINNED C.P WIRE □0.8×0.8	√		WELL FORE
3	CORE	(3)	FERRITE CORE EC60 DMR40	√		DMEGC
4	COPPER WIRE	(4)	POLYURETHANE (USTC) TYPU-130 MW75-C	√	E220377	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM 1318-1 Y	√	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44T-A	√	E17385	3M
7	EPOXY		6020H	√	E229633	WELLS
8	VARNISH		TVB2180T	√	E83702	KYOCERA

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