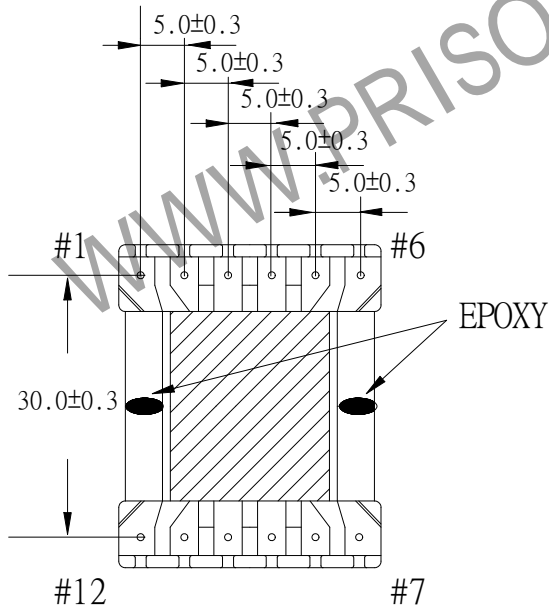
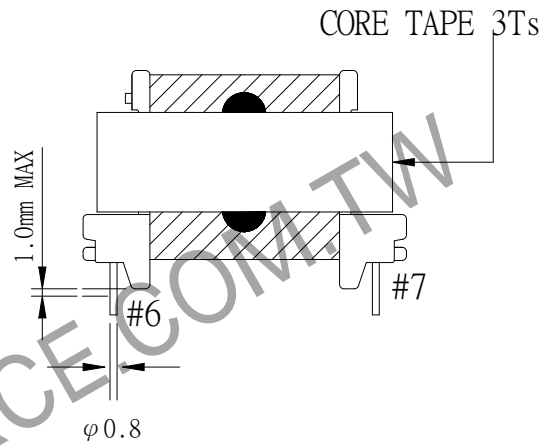
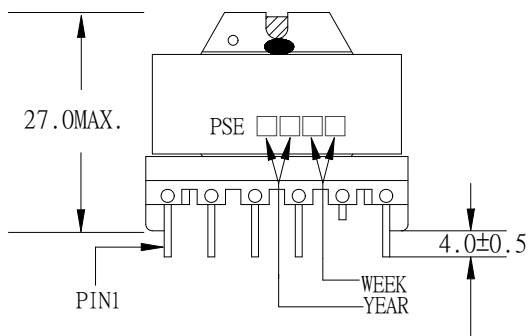
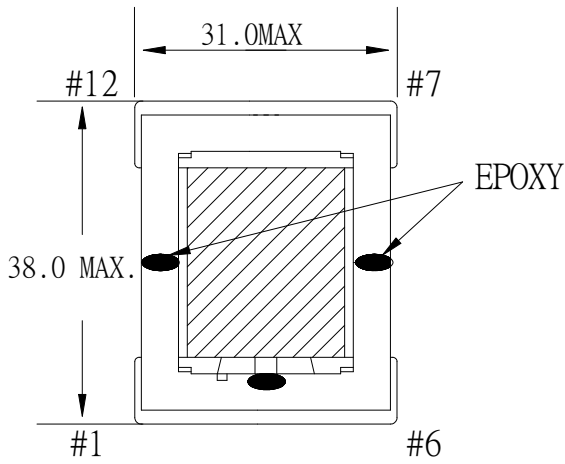


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) POXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-6 SIDE).
2. PIN 5 CUT SHORTER CANT OVER STOPPER.
3. SOLDER POINT CAN BE OVER STAND OFF 1.0 mm MAX

UNIT : m/m

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	NP1	2.0mm/1.5mm×1T	6 - 5	0.45 φ×4	7		2Ts	CLOSE
2	NS1	3.0mm/3.0mm×1T	11 - 9	0.60φ×4	5		2Ts	SPACE
3	NP2	2.0mm/1.5mm×1T	5 - 4	0.45 φ×4	8		2Ts	CLOSE
4	NS2	3.0mm/3.0mm×1T	12 - 10	0.60φ×4	5		2Ts	SPACE
5	NP3	2.0mm/1.5mm×1T	4 - 3	0.45 φ×4	8		2Ts	CLOSE
6	NS3	3.0mm/3.0mm×1T	8 - 7	0.26φ	8	#28	2Ts	SPACE
7	NB1	3.0mm/3.0mm×1T	1 - 2	0.26φ	8	#28	3Ts	SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0V _{rms}	LEAKAGE INDUCTANCE 100KHz, 1.0V _{rms}	VOLTAGE RATIO(V) F= 20KHz INPUT 1 V _{rms}	DCR MAX. AT 25°C
6 - 3	220.0uH±10.0%	1.50uH MAX		
6 - 5			0.3013 V _{rms} ±4.0%	12.0 mΩ
11 - 9		SHORT	0.2144 V _{rms} ±4.0%	6.0 mΩ
5 - 4			0.3478 V _{rms} ±4.0%	16.0 mΩ
12 - 10		SHORT	0.2168 V _{rms} ±4.0%	7.0 mΩ
4 - 3			0.3489 V _{rms} ±4.0%	20.0 mΩ
8 - 7		SHORT	0.3487 V _{rms} ±4.0%	0.23 Ω
1 - 2			0.3486 V _{rms} ±4.0%	0.24 Ω

HI-POT TEST :(AT 1 mA)

PRI. TO SEC. 600 VAC(3SEC)

PRI. TO CORE 600 VAC(2SEC)

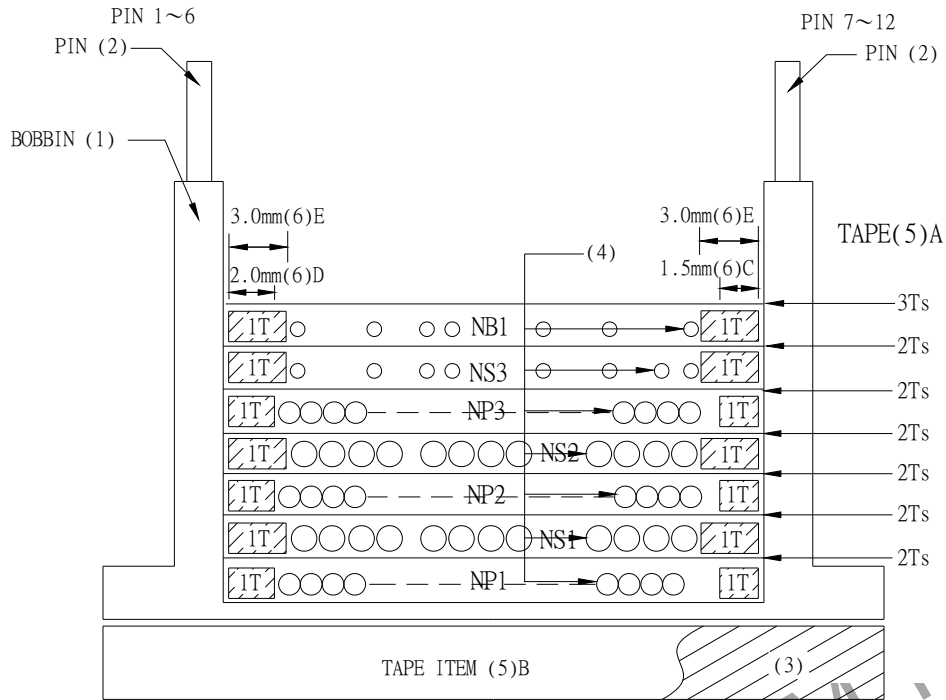
INSULATION RESISTANCE:(AT DC 500V)

PRI. TO SEC. 100 MΩ MIN.

PRI. TO CORE 100 MΩ MIN.

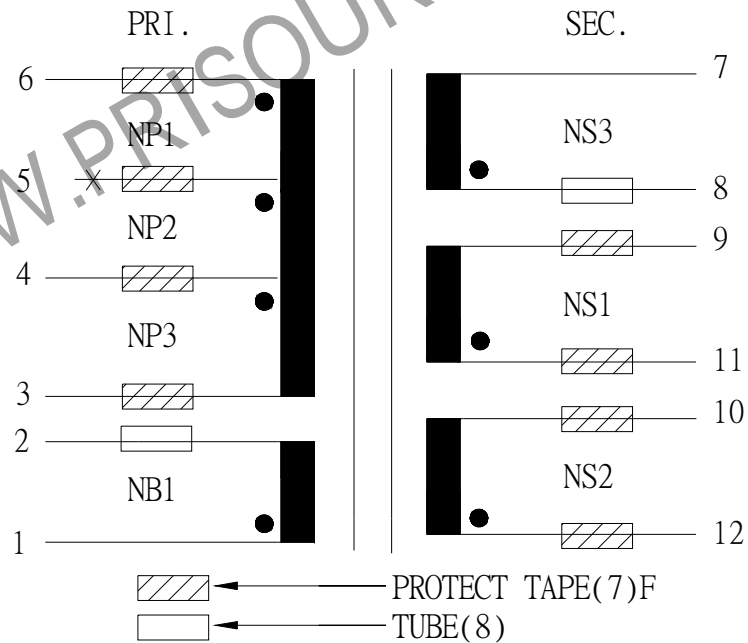
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4. WINDING SEQUENCE :



NP1, NP2, NP2', NB1 WINDING FROM PIN 1-6 SIDE
 NS1, NS2, NS3 WINDING FROM PIN 7-12 SIDE

5. SCHEMATIC :



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6 . MATERIAL LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC(PM9820) Thickness : 0.71mm MIN	√	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE 0.8 φ	√		
3	CORE	(3)	FERRITE CORE FEM2816 TP4 GAP CORE: 0.20mm	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYP-130 MW-75C	√	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1318-1 Y 厚:0.06mm (A):22mm (B):10mm	√	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM #44T-A 厚:0.42mm (C):1.5mm (D):2.0mm (E):3.0mm	√	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A 厚:0.13~0.155mm (F):10mm	√	E17385	3M
8	TUBE	(8)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
9	EPOXY		6020H	√	E229633	WELLS
10	VARNISH		WP-2952F-2G	√	E72979	HITACHI

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