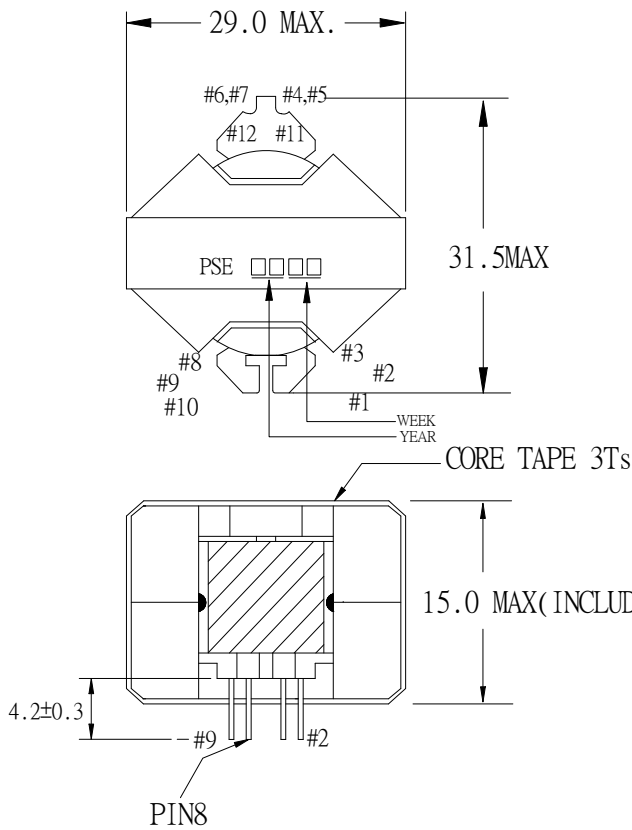
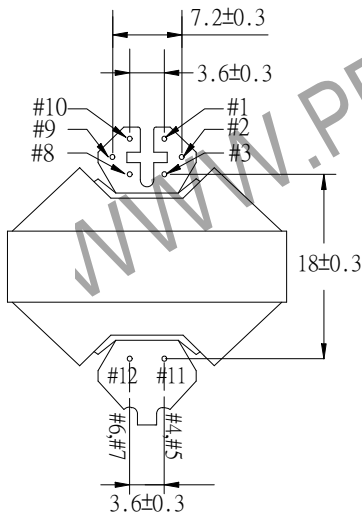
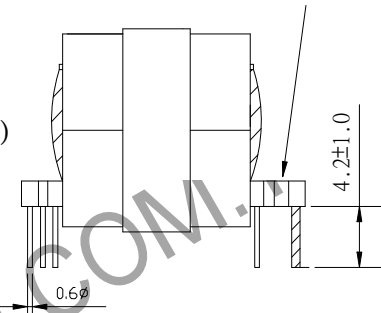


1. MECHANICAL & ASSEMBLY :



The lead wire of second side need to be bent along the slot



NOTE:

1. ADHESIVE KE-45W ON CORE CENTER LEG(ONE POINT)
2. ADHESIVE EP-138 FIXED BETWEEN CORE & CORE (TTL:2 POINTS)
3. ADD ONE DROPS OF GLUE(6020H) INSIDE OF THE CORE TOP.
4. EPOXY 6020H FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
5. The lead wire of second side need to be bent along the slot

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		10 - 9	0.20 ϕ x2	14	#24	1T	CLOSE
2	SH1		3 -	0.20 ϕ	23	#30	1T	CLOSE
3	NS1		4 - 7	TEX-ELZ 0.26 ϕ /7	4		1T	CLOSE
4	Nb		2 - 1	0.20 ϕ x2	3	#24	1T	SPACE
5	NS2		5 - 6	TEX-ELZ 0.26 ϕ /7	4		1T	CLOSE
6	SH2		3 -	0.20 ϕ	16	#30	1T	SPACE
7	NP2		9 - 8	0.20 ϕ x2	14	#24	2Ts	CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO	INDUCTANCE 100 KHz, 1.0V _{rms}	LEAKAGE INDUCTANCE 100KHz, 1.0V _{rms}	VOLTAGE RATIO(V) f= 20KHz	DCR(MAX) AT 25°C
10 - 8	440.0uH \pm 12%	9.0uH MAX	INPUT 1V	0.50 Ω
10 - 9			0.4952V _{rms} \pm 4%	205.5 m Ω
9 - 8			0.5045V _{rms} \pm 3%	0.30 Ω
2 - 1			0.1070V _{rms} \pm 4%	63.0 m Ω
4,5 - 6,7		SHORT	0.1425V _{rms} \pm 4%	6.8 m Ω

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

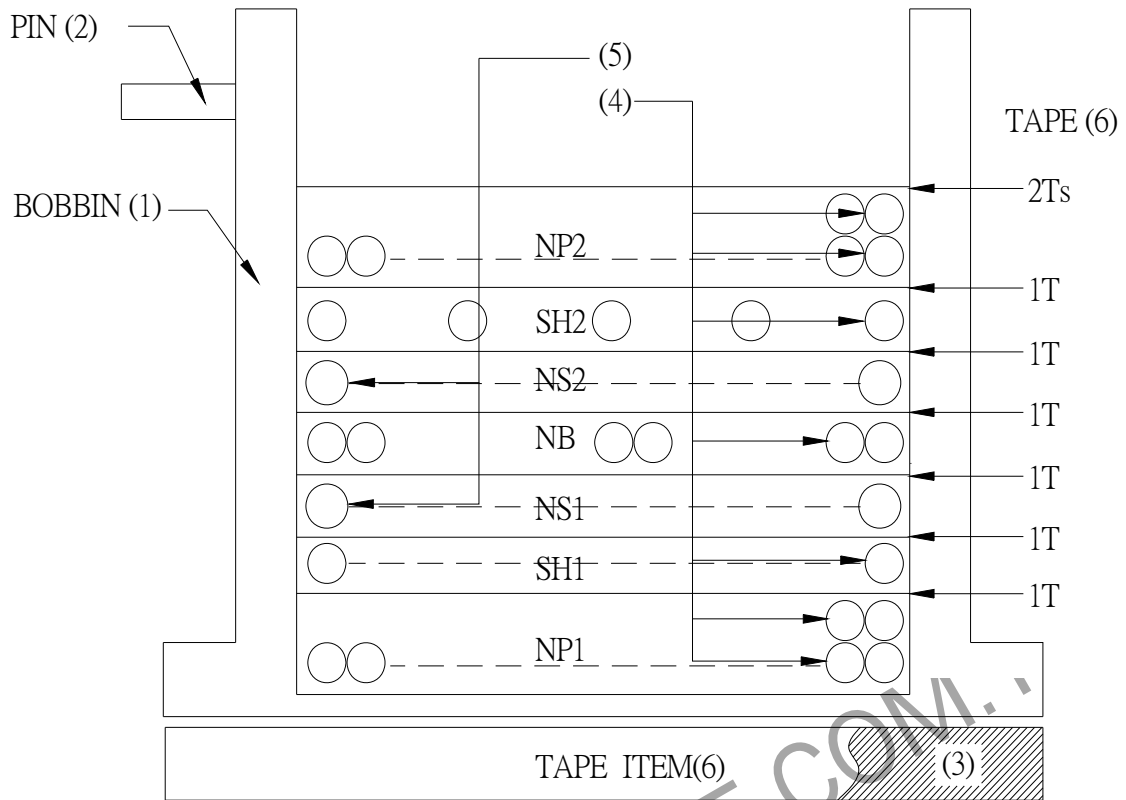
PRI	TO	SEC	3600 VAC
SEC	TO	CORE	3600 VAC
PRI	TO	CORE	1800 VAC

INSULATION TEST : (AT DC500V)

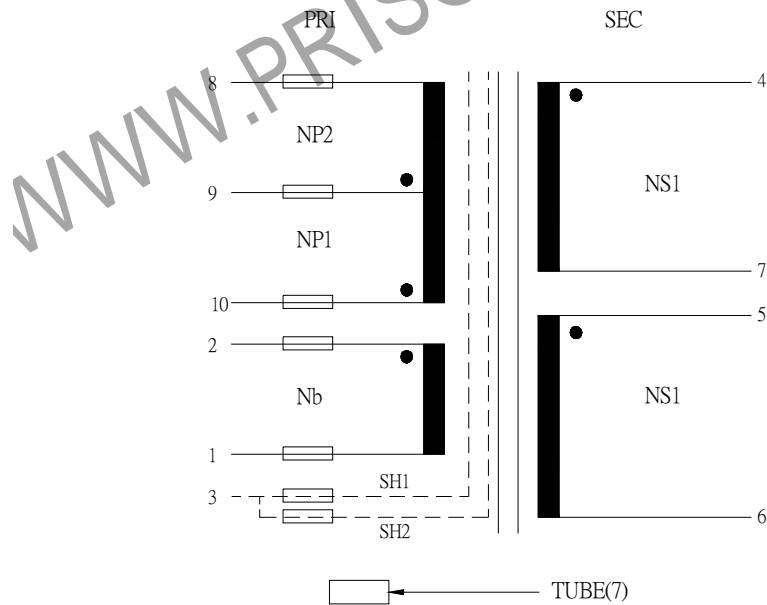
PRI	TO	SEC	100 M Ω MIN.
SEC	TO	CORE	100 M Ω MIN.
PRI	TO	CORE	100 M Ω MIN.

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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(PM9630) Thickness:0.50mm Min. YW-955	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE ϕ 0.6	✓		YIH HWA WELL FORE
3	CORE	(3)	FERRITE CORE RM10A TP4W CORE GAP:0.19mm	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPY-130 MW75-C	✓	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-ELZ	✓	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM #1318Y-1	✓	E17385	3M
7	TUBE	(7)	TEFLON TUBE TEL	✓	E156256	GREAT HOLDING
8	VARNISH		TVB2180T	✓	E83702	KYOCERA
9	EPOXY		6020H KE-45W EP-138	✓ ✓ ✓	E229633 E48923	WELLS SHIN ETSU CEMEDINE

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