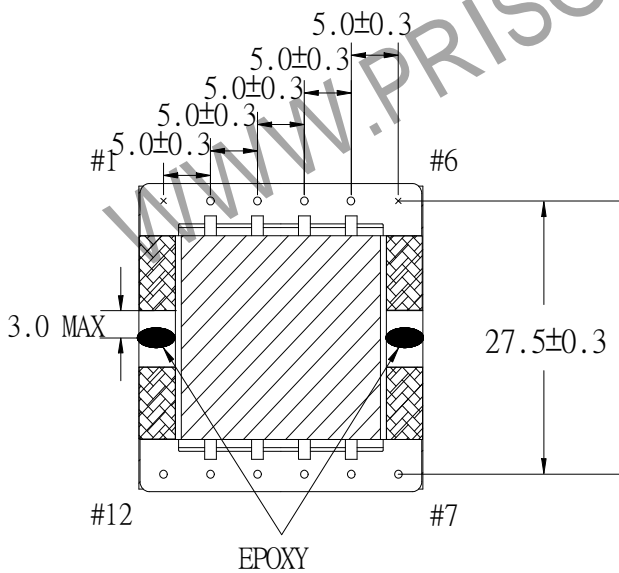
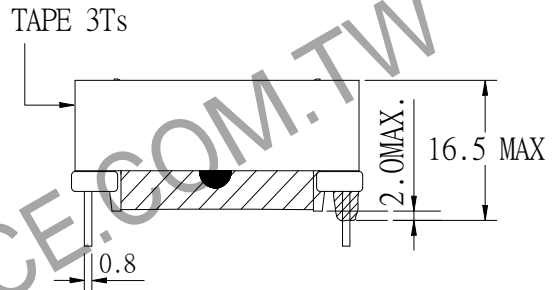
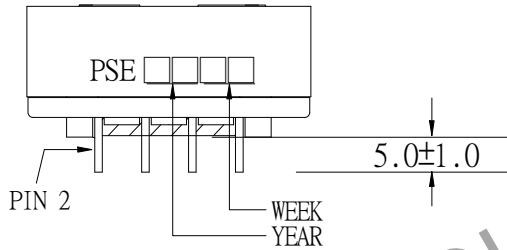
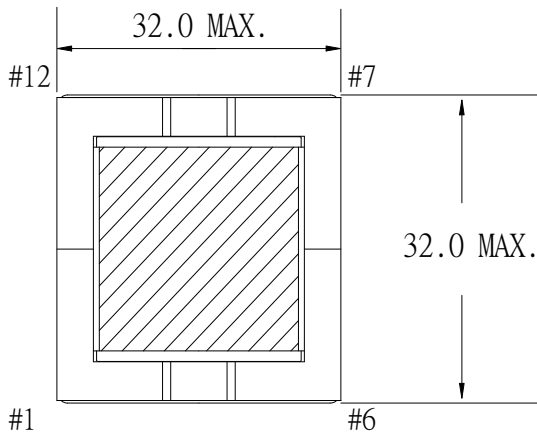


1. MECHANICAL & ASSEMBLY :



NOTE:

1. PIN 1,6 NO.
2. ADHESIVE KE-45W ON CORE CENTER LEG(ONE POINT). EPOXY FIXED BETWEEN CORE & CORE (TTL:2 POINTS)
3. SOLDER POINT CAN BE OVER STAND OFF 2.0 mm MAX

UNIT : mm

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2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	TUBE	LAYER TAPE	METHOD
1	P1	4.0mm/3.0mm×2Ts	2 - 3	0.10φ/20	24	#20	3Ts	CLOSE SPACE
2	S1	3.0mm/4.0mm×2Ts	11 - 10	0.07φ/105C	4	#14	3Ts	BIFILAR, SPACE
3	S2		9 - 8	0.07φ/105C	4	#14		
4	P2	4.0mm/3.0mm×2Ts	4 - 5	0.10φ/20	24	#20	3Ts	CLOSE SPACE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO	INDUCTANCE 10 KHz, 1.0Vrms	LEAKAGE INDUCTANCE 100KHz, 0.1Vrms	VOLTAGE RATIO(V) f= 20KHz	DCR MAX AT 25°C
2 - 5	450.0uH ±10%	10.0uH MAX	INPUT 1.0Vrms	
2 - 3			0.4925Vrms±3%	150.0 mΩ
11 - 10		SHORT	0.0830Vrms±5%	13.0 mΩ
9 - 8		SHORT	0.0826Vrms±5%	15.0 mΩ
4 - 5			0.5077Vrms±3%	195.0 mΩ
3 - 4	SHORT	SHORT	SHORT	

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

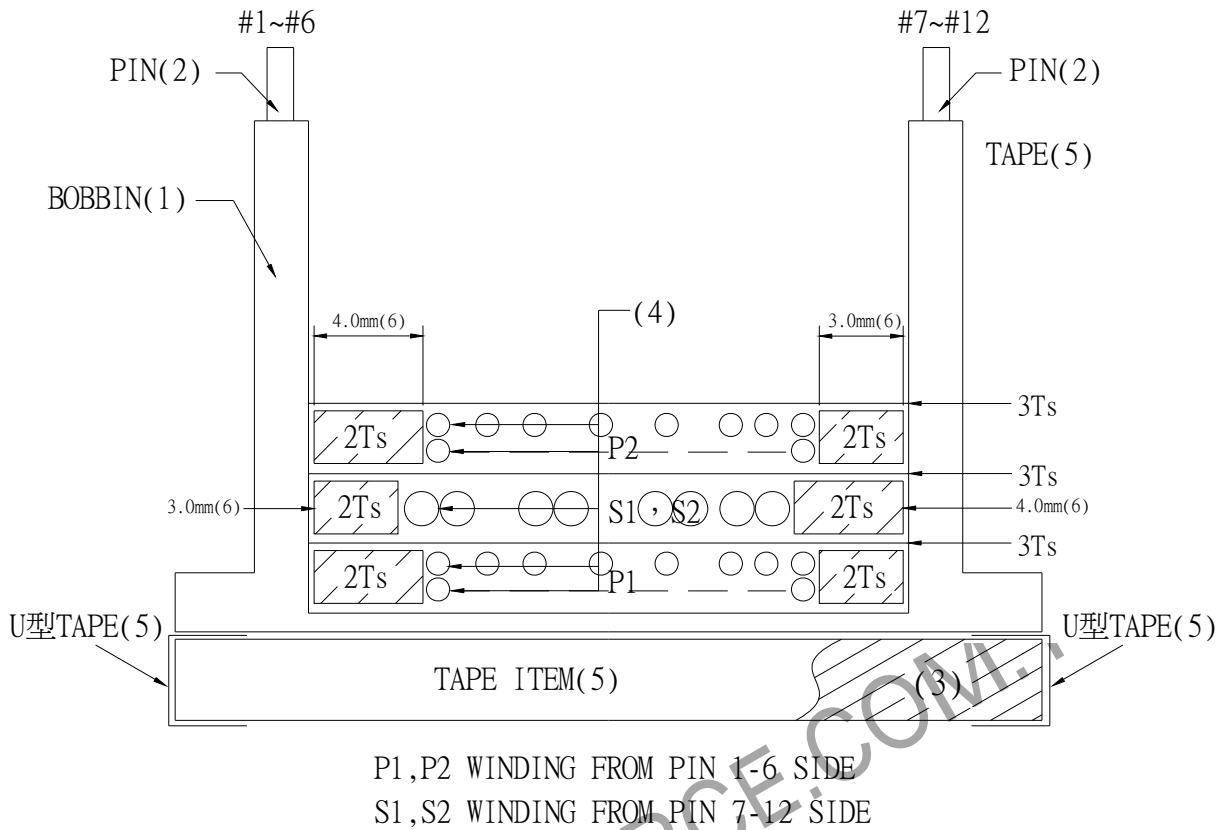
PRI TO SEC 4000 VAC
SEC TO CORE 4000 VAC

INSULATION TEST : (AT DC500V)

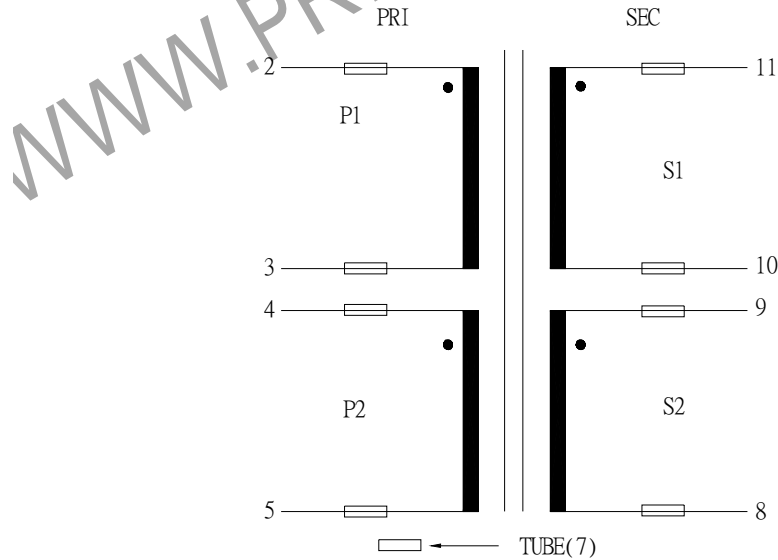
PRI TO SEC 100 MΩ MIN.
SEC TO CORE 100 MΩ MIN.

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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: > 0.4mm.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE φ0.8	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EFD30.2/30/9.1 TP4	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE(1UEWF) TY1700-U155 MW79C	✓	E197768	HENG YA
5	MYLAR TAPE	(5)	POLYESTER FILM #1218-1	✓	E17385	3M
6	MARGIN TAPE	(6)	COMPOSITE FILM SUPER 10-3L	✓	E17385	3M
7	TUBE	(7)	TEFLON TUBE TFL	✓	E156256	GREAT HOLDING
8	EPOXY		6020H KE-45W	✓ ✓	E229633 E48923	WELLS SHIN ETSU
9	VARNISH		TVB2180T	✓	E83702	KYOCERA

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