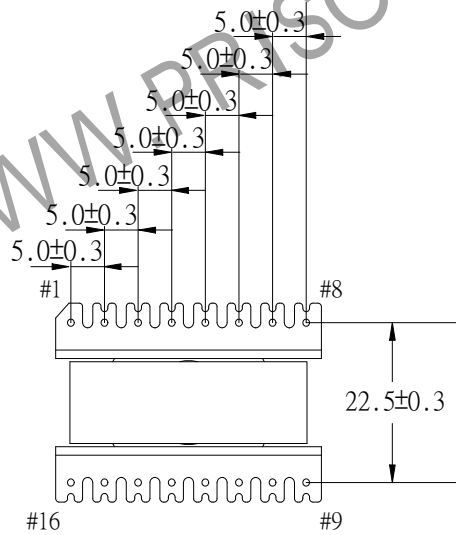
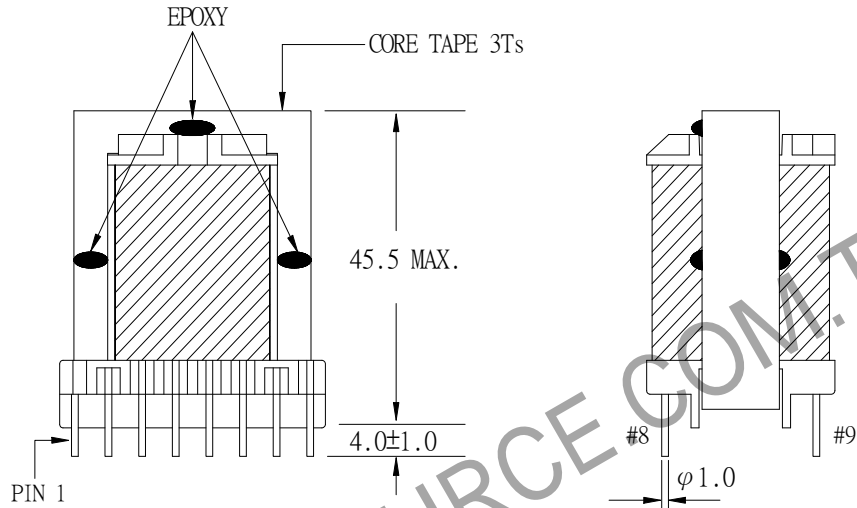
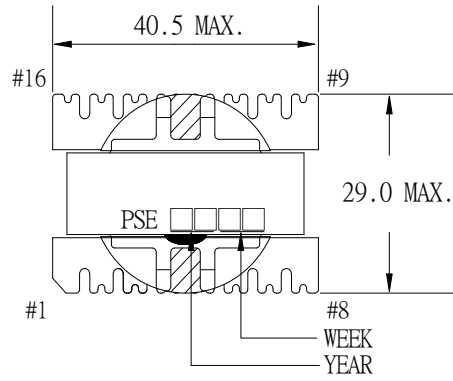


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS) POXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-8 SIDE).
2. PIN 9 CUT SHORTER AFTER SOLDERING

UNIT:m/m

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-16110	REV NO.	
			ISSUE NO :	PAGE	4 - 1

2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINIS	COPPER WIRE	TURNS	TUBE	LAYER	METHOD
1	NP1	4.0mm/4.0mm×1T	3 - 4	0.24 φ x2	31	#22/#22	3Ts	BIFILAR, SPACE
2	NS1	4.0mm/4.0mm×4Ts	9.10 - 13.14	0.1/80C φ x2	3	#15/#15	3Ts	BIFILAR, SPACE
3	NP2	4.0mm/4.0mm×1T	4 - 5	0.24 φ x2	31	#22/#22	3Ts	BIFILAR, SPACE
4	NS2	4.0mm/4.0mm×4Ts	11.12 - 15.16	0.1/80C φ x2	3	#15/#15	3Ts	BIFILAR, SPACE
5	NG1	4.0mm/4.0mm×1T	7 - 8	0.1 φ	1	#26/#26	3Ts	CENTER, CLOSE
6	NB1	4.0mm/4.0mm×1T	2 - 1	0.1 φ	13	#26/#26	3Ts	CENTER, CLOSE

NOTE:

3. ELECTRICAL CHARACTERISTICS :

PIN NO.	INDUCTANCE 1.0 KHz, 1.0Vrms	LEAKAGE INDUCTANCE KHz, Vrms	VOLTAGE RATIO(V) F= 20KHz	DCR MAX. AT 25°C
3 - 5	1.23 mH±10.0%		INPUT 1 Vrms	0.75 Ω
3 - 4			0.4976 Vrms±4.0%	0.34 Ω
9.10 - 13.14			0.0484 Vrms±7.0%	4.50 m Ω
4 - 5			0.5017 Vrms±3.0%	0.43 Ω
11.12 - 15.16			0.0484 Vrms±7.0%	5.00 m Ω
7 - 8			0.0160 Vrms±7.0%	0.31 Ω
2 - 1			0.2090 Vrms±4.0%	2.70 Ω

HI-POT TEST :(AT 1 mA, 3 SEC)

PRI .SEC. TO CORE 3750 VAC

PRI. TO SEC. 3750 VAC

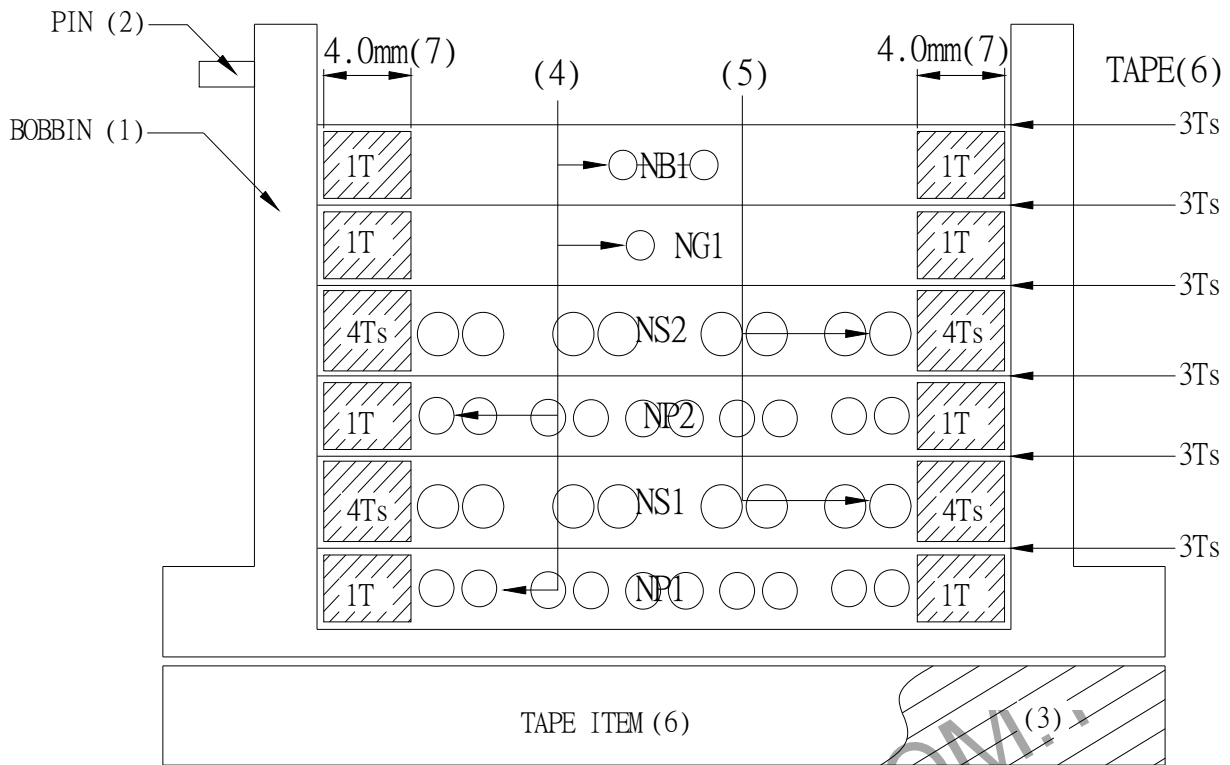
INSULATION RESISTANCE:(AT DC 500V)

PRI .SEC. TO CORE 100 M Ω MIN.

PRI. TO SEC. 100 M Ω MIN.

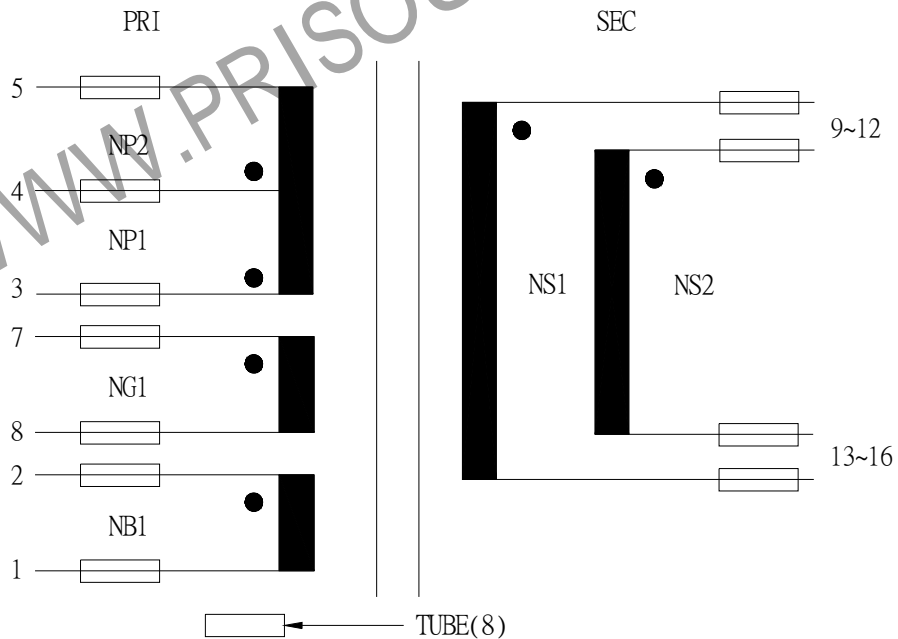
REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-16110	REV NO.
			ISSUE NO :	PAGE 4 - 2

4. WINDING SEQUENCE :



NP1, NP2, NG1, NB1 WINDING FROM PIN 1-8 SIDE
 NS1, NS2, WINDING FROM PIN 9-16 SIDE

5. SCHEMATIC :



REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-16110	REV NO.
			ISSUE NO :	PAGE 4 - 3

6 . MATERIAL LIST :

NO	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURE
1	BOBBIN	(1)	PHENOLIC(PM9820) Thickness : 0.30mm MIN	√	E41429	SUMITOMO
2	PIN	(2)	TINNED C.P WIRE 1.0 φ	√		WELL FORE
3	CORE	(3)	FERRITE CORE EER36/43/11 TP4	√		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) TYPU-130 MW-75C	√	E197768	HENG YA
		(5)	POLYURETHANE (USTC) LZ-UEWFB& MW75-C	√	E197768	HENG YA
5	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 Y	√	E17385	3M
6	MARGIN TAPE	(7)	COMPOSITE FILM #44D-A	√	E17385	3M
7	TUBE	(8)	TEFLON TUBE TFL	√	E156256	GREAT HOLDING
8	EPOXY		6020H	√	E229633	WELLS
9	VARNISH		TVB2180T	√	E83702	KYOCERA
REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :		DATE	
			PART NO : 54P-16110		REV NO.	
			ISSUE NO :		PAGE	4 - 4