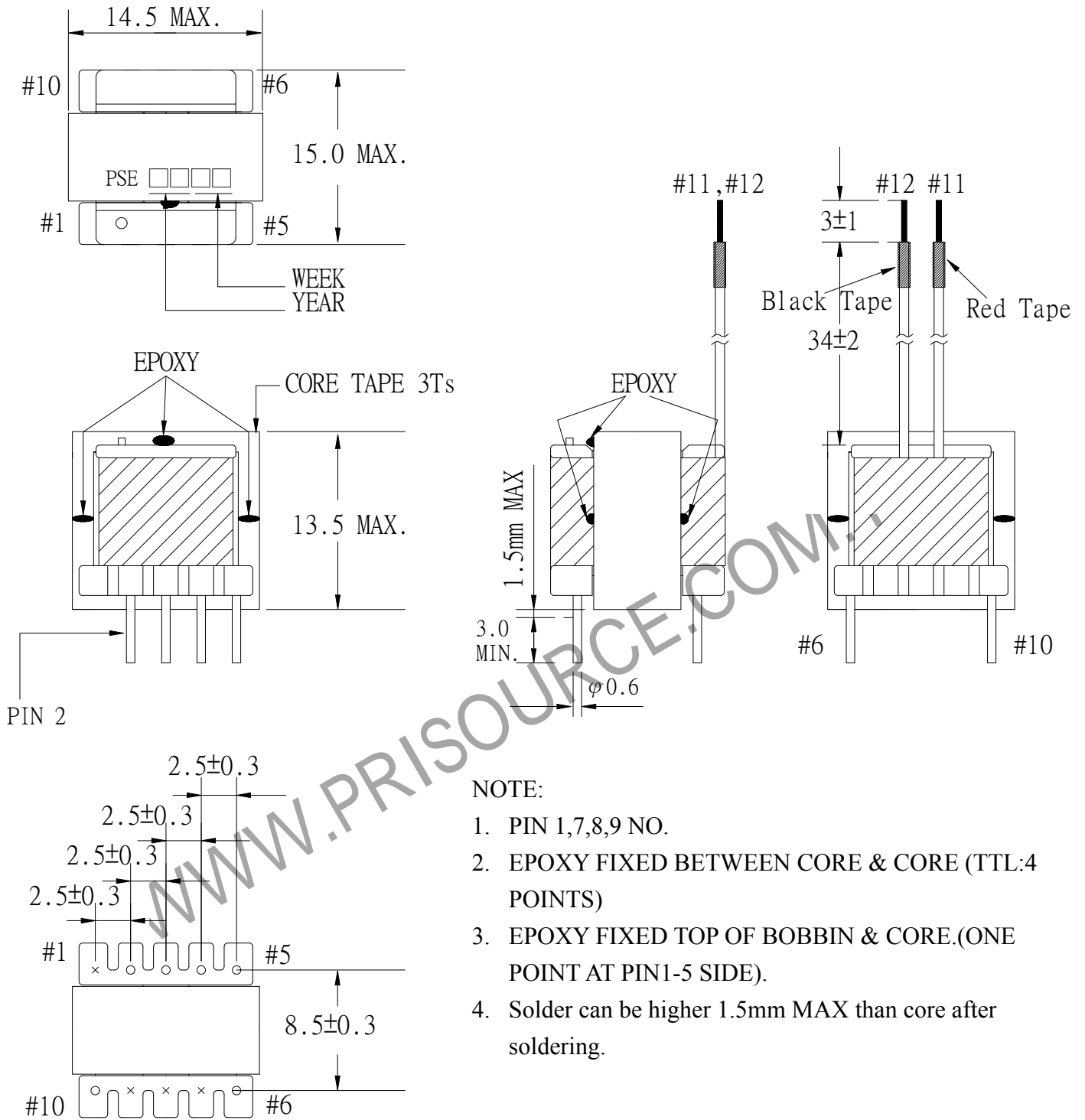


1. MECHANICAL & ASSEMBLY :



NOTE:

1. PIN 1,7,8,9 NO.
2. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
3. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).
4. Solder can be higher 1.5mm MAX than core after soldering.

UNIT : mm

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-16055	REV NO.
			ISSUE NO :	PAGE 4 - 1

2. WINDING CONFIGURATION :

STEP	WINDING	MARGIN TAPE	START-FINISH	COPPER WIRE	TURNS	LAYER TAPE	TUBE	METHOD
1	NP1		5 - 4	0.40 ϕ ×2	8	2Ts		CLOSE
2	NS1		11 - 12	TEX-E 0.50 ϕ	10	2Ts		CLOSE
3	NP2		3 - 2	0.40 ϕ ×2	8	2Ts		CLOSE
4	(PIN 6 & PIN10 CONNECTED WIRE 0.4mm x2)					2Ts		

NOTE:

PIN 6 & PIN10 CONNECTED WIRE 0.4mm x2

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
5 - 2	22.0 μ H \pm 10%		INPUT 0.1Vrms	
5 - 4			0.0493 Vrms \pm 7.0%	19.5 m Ω
11 - 12			0.0619 Vrms \pm 5.0%	45.5 m Ω
3 - 2			0.0512 Vrms \pm 5.0%	25.0 m Ω

HI-POT TEST : (AT 2 mA, 3 SEC)

PRI TO SEC. 3600 VAC

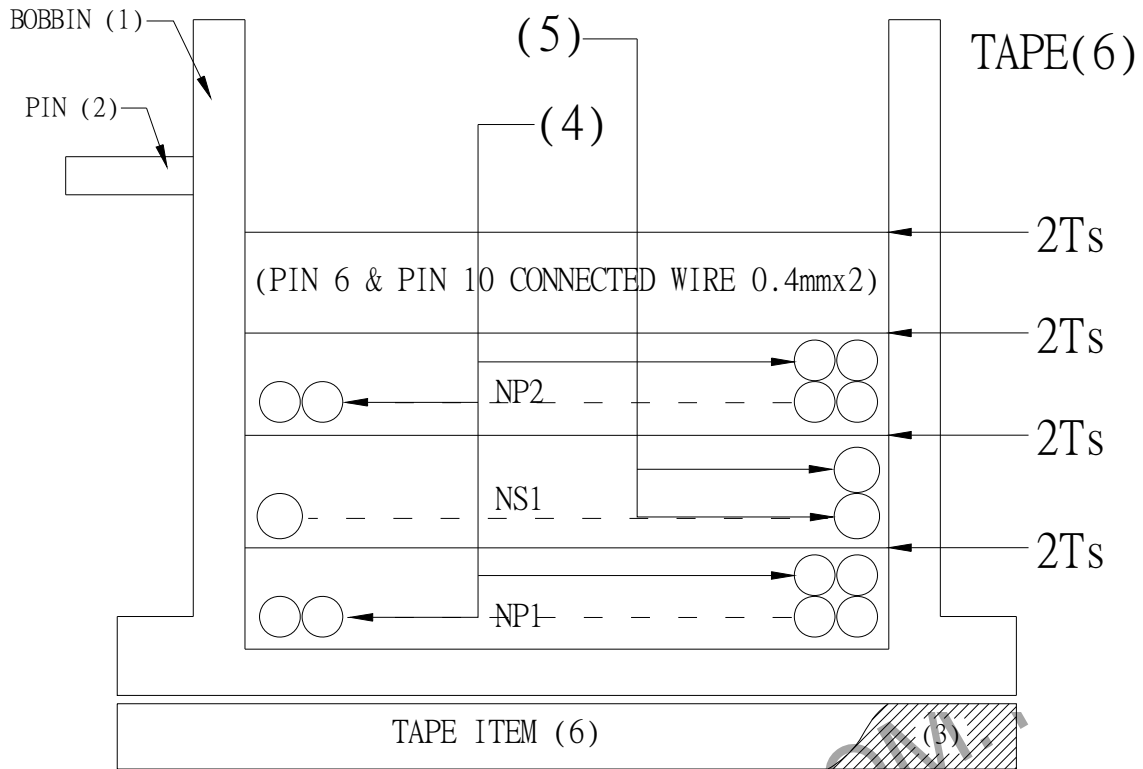
SEC TO CORE. 3600 VAC

INSULATION RESISTANCE: (AT DC 500V)

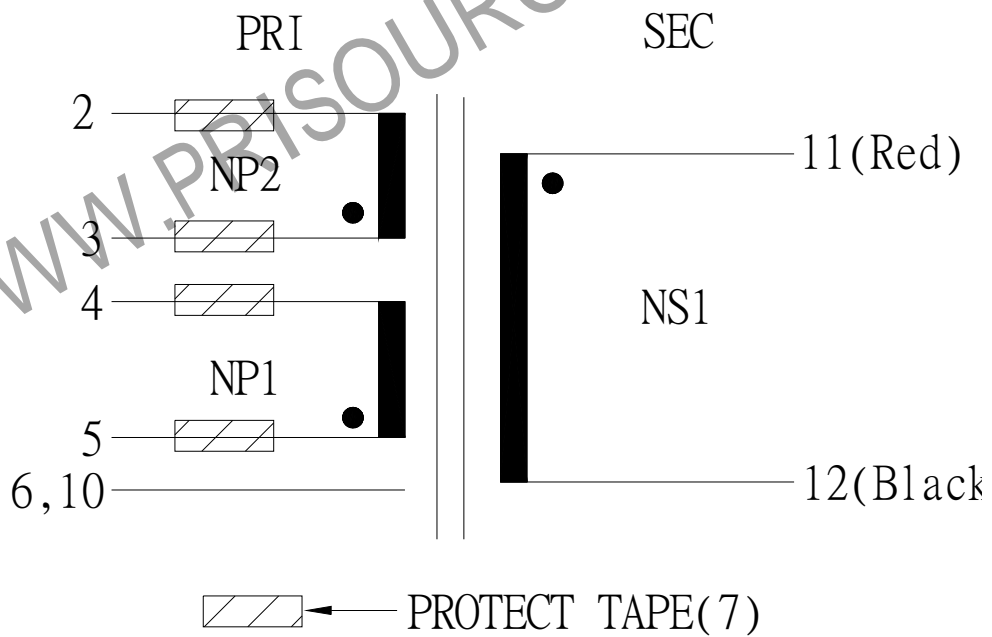
PRI TO SEC. 100 M Ω MIN.

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE
			PART NO : 54P-16055	REV NO.
			ISSUE NO :	PAGE 4 - 2

4. WINDING SEQUENCE:



5. SCHEMATIC:



REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-16055	REV NO.	
			ISSUE NO :	PAGE	4 - 3

6. MATERIAL LIST :

NO.	DESCRIPTION	ITEM	MATERIAL	LIST OF SAMPLE	UL NO.	MANUFACTURER
1	BOBBIN	(1)	PHENOLIC (PM9820) Thickness:0.3 mm Min.	✓	E41429	SUMITOMO
2	PIN	(2)	TINNED COPPER WIRE φ 0.6	✓		WELL FORE
3	CORE	(3)	FERRITE CORE EE13 TP4 CORE GAP : 0.28mm	✓		TDG
4	COPPER WIRE	(4)	POLYURETHANE (2UEW) MW75-C TYPYU-130	✓	E197768	HENG YA
5	TRIPLE WIRE	(5)	TEX-E	✓	E206440	FURUKAWA
6	MYLAR TAPE	(6)	POLYESTER FILM #1318-1 Y	✓	E17385	3M
7	PROTECT TAPE	(7)	COMPOSITE FILM #44-A	✓	E17385	3M
8	EPOXY		6020H	✓	E229633	WELLS
9	VARNISH		TVB2180T	✓	E83702	KYOCERA

REPORT BY	CHECK BY	APPROVED BY	CUSTOMER :	DATE	
			PART NO : 54P-16055	REV NO.	
			ISSUE NO :	PAGE	4 - 4