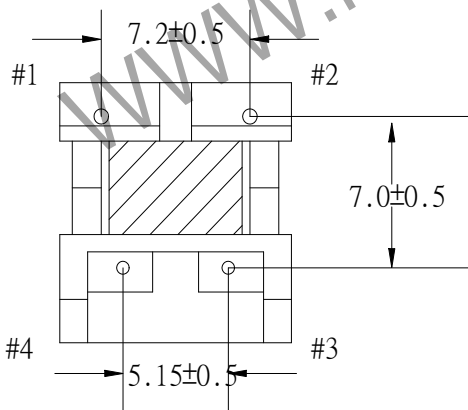
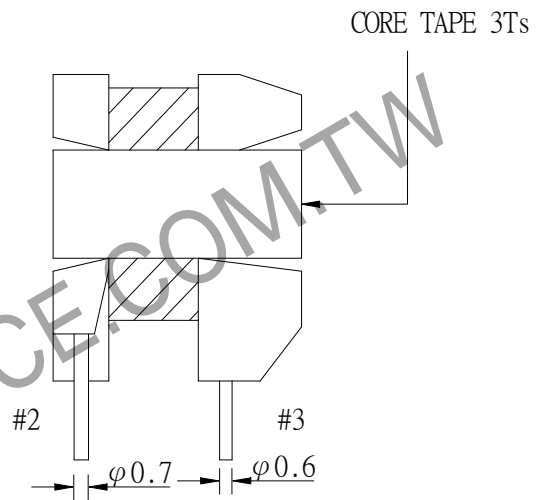
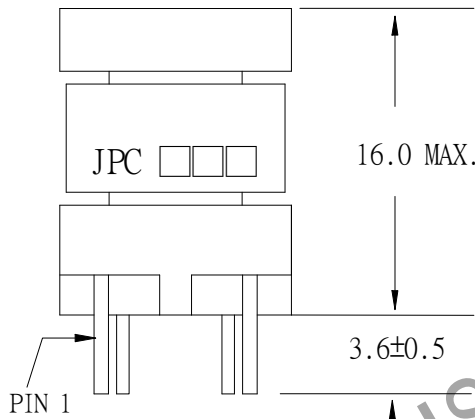
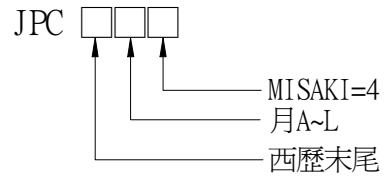
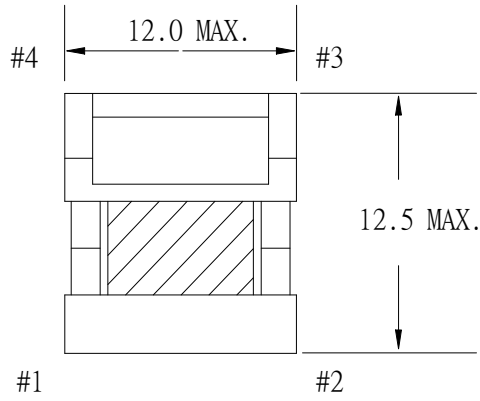


1. MECHANICAL & ASSEMBLY :



NOTE:

1. EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN 1-2 SIDE).
- 2.A DHESIVE EP-138 FIXED BETWEEN CORE & CORE (TTL:2 POINTS).

UNIT:mm

| | | | | | |
|-----------|----------|-------------|---------------------|---------|-------|
| REPORT BY | CHECK BY | APPROVED BY | CUSTOMER : | DATE | |
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2. WINDING CONFIGURATION :

| STEP | WINDING | MARGIN TAPE | START-FINISH | COPPER WIRE | TURNS | LAYER TAPE | METHOD |
|------|---------|-------------|--------------|-------------|-------|------------|--------|
| 1 | P1 | | 4 - 3 | 0.60φ | 1 | | |
| 2 | S1 | | 1 - 2 | 0.16φ | 100 | 2Ts | CLOSE |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NOTE:

3. ELECTRICAL CHARACTERISTICS :

| PIN NO. | INDUCTANCE 1KHz, 0.1Vrms | LEAKAGE INDUCTANCE KHz, Vrms | VOLTAGE RATIO(V) F= 20KHz INPUT 1Vrms | DCR MAX. AT 25°C |
|---------|-----------------------------|---------------------------------|---|---------------------|
| 1 - 2 | 6.0mH MIN | | | 2.7 Ω |
| 4 - 3 | | | 0.0100Vrms±5.0% | 2.7mΩ |
| | | | | |
| | | | | |
| | | | | |

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

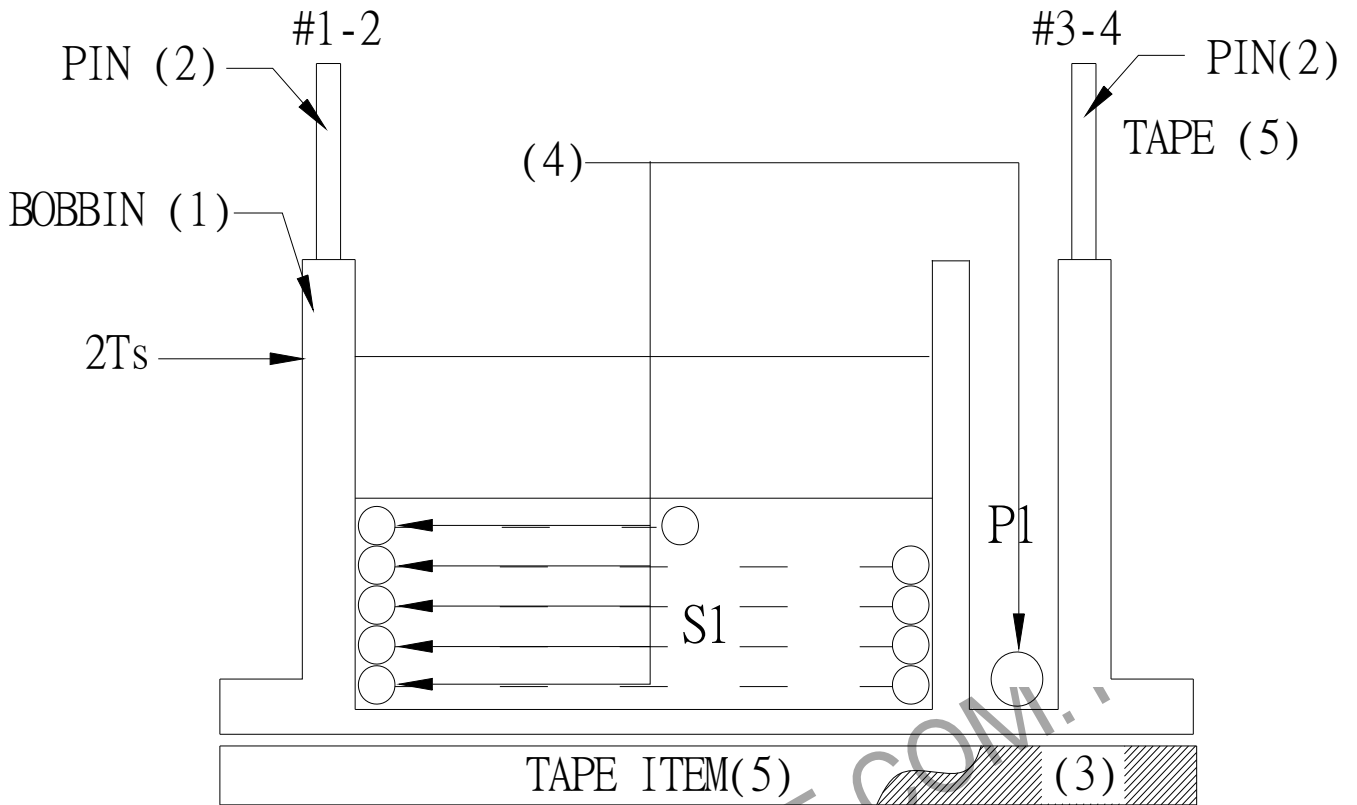
PRI TO SEC 2400 VAC

INSULATION RESISTANCE:(AT DC 500V)

PRI TO SEC 100 MΩ MIN.

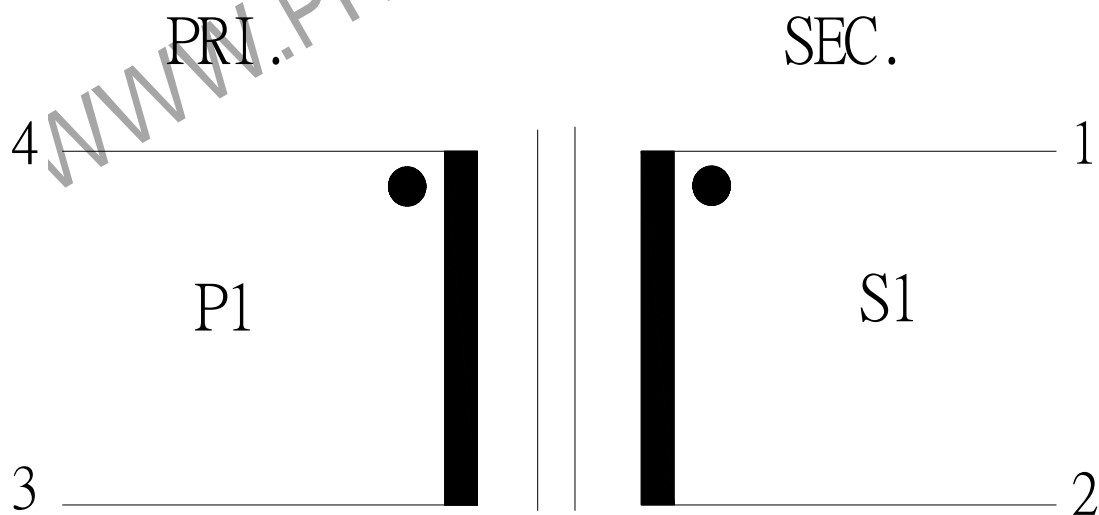
| REPORT BY | CHECK BY | APPROVED BY | CUSTOMER : | DATE |
|-----------|----------|-------------|---------------------|------------|
| | | | PART NO : 54P-16039 | REV NO. |
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4. WINDING SEQUENCE:



P1 WINDING FROM PIN3~4 SIDE
S1 WINDING FROM PIN1~2 SIDE

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:0.30mm Min. | ✓ | E41429 | SUMITOMO |
| 2 | PIN | (2) | TINNED COPPER WIRE φ0.6/φ0.7 | ✓ | | WELL FORE |
| 3 | CORE | (3) | FERRITE CORE EE10 TP4 | ✓ | | TDG |
| 4 | COPPER WIRE | (4) | POLYURETHANE (2UEW) TYPYU-130 MW75-C | ✓ | E197768 | HENG YA |
| 5 | MYLAR TAPE | (5) | POLYESTER FILM #1318-1(Y) | ✓ | E17385 | 3M |
| 6 | EPOXY | | 6020H EP-138 | ✓ ✓ | E229633 | WELLS CEMEDINE |
| 7 | VARNISH | | TVB2180T | ✓ | E83702 | KYOCERA |

| | | | | | |
|-----------|----------|-------------|---------------------|---------|-------|
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