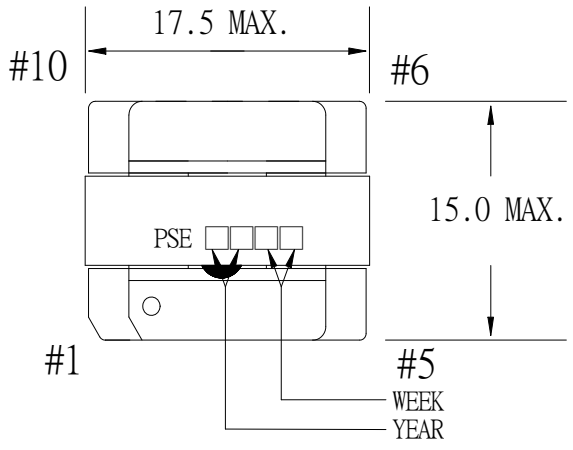
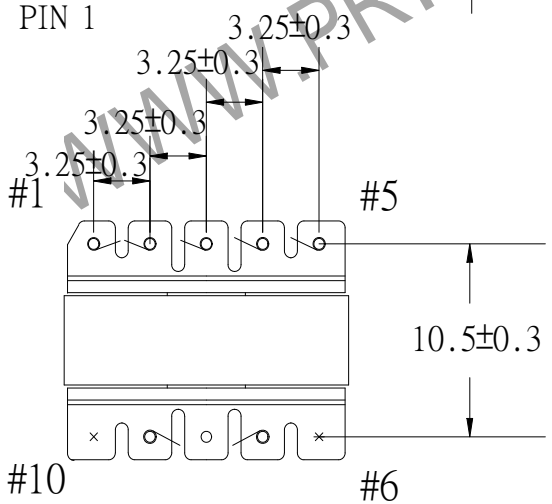
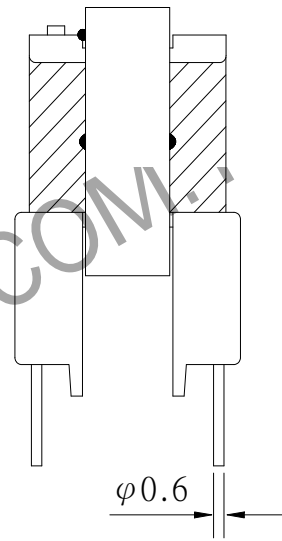
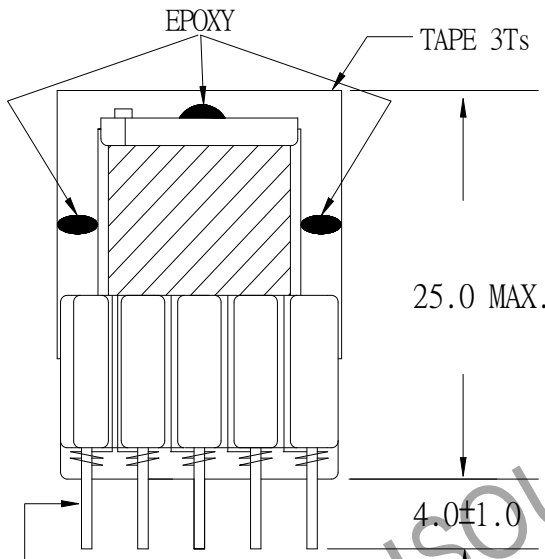


1. MECHANICAL & ASSEMBLY :

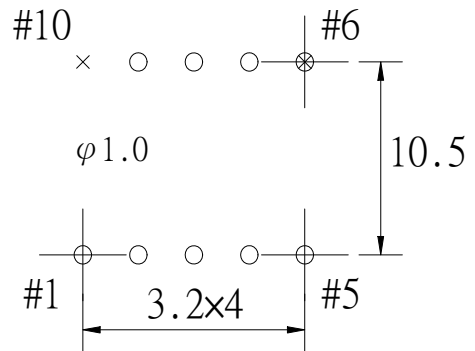


NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS). EPOXY FIXED TOP OF BOBBIN & CORE.(ONE POINT AT PIN1-5 SIDE).
2. PIN 6,10 NO



以下の治具に容易に挿入できること。



UNIT : m/ m

| | | | | |
|-----------|----------|-------------|---------------------|---------|
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2. WINDING CONFIGURATION :

| STEP | WINDING | MARGIN TAPE | START-FINISH | COPPER WIRE | TURNS | LAYER TAPE | TUBE | METHOD |
|------|---------|----------------------|--------------|-------------------|-------|------------|------|----------------|
| 1 | P1 | | 3 - 4 | 0.15 ϕ | 45 | 1T | | CLOSE |
| 2 | S1 | ~/1.5mm \times 3Ts | 7 - 9 | TEX-E 0.45 ϕ | 9 | 1T | | SPACE |
| 3 | P2 | ~/1.5mm \times 1T | 2 - 1 | 0.10 ϕ | 30 | 1T | | SPACE |
| 4 | P1' | ~/1.5mm \times 3Ts | 4 - 5 | 0.15 ϕ | 76 | 3Ts | | CLOSE SPACE |
| | | | | | | | | |
| | | | | | | | | |

NOTE:

3. ELECTRICAL CHARACTERISTICS :

| PIN NO. | INDUCTANCE 100 KHz, 0.1Vrms | LEAKAGE INDUCTANCE KHz, Vrms | VOLTAGE RATIO(V) F= 20KHz INPUT 1Vrms | DCR MAX. AT 25°C |
|---------|--------------------------------|---------------------------------|---|---------------------|
| 3 - 5 | 1.2mH \pm 10% | | | 4.5 Ω |
| 3 - 4 | | | 0.3590Vrms \pm 4.0% | 1.5 Ω |
| 4 - 5 | | | 0.6406Vrms \pm 5.0% | 3.0 Ω |
| 7 - 9 | | | 0.0731Vrms \pm 5.0% | 35.5 m Ω |
| 2 - 1 | | | 0.2502Vrms \pm 4.0% | 2.6 Ω |

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

| | | | |
|------|----|------|----------|
| PRI. | TO | SEC. | 3600 VAC |
| SEC. | TO | CORE | 3600 VAC |

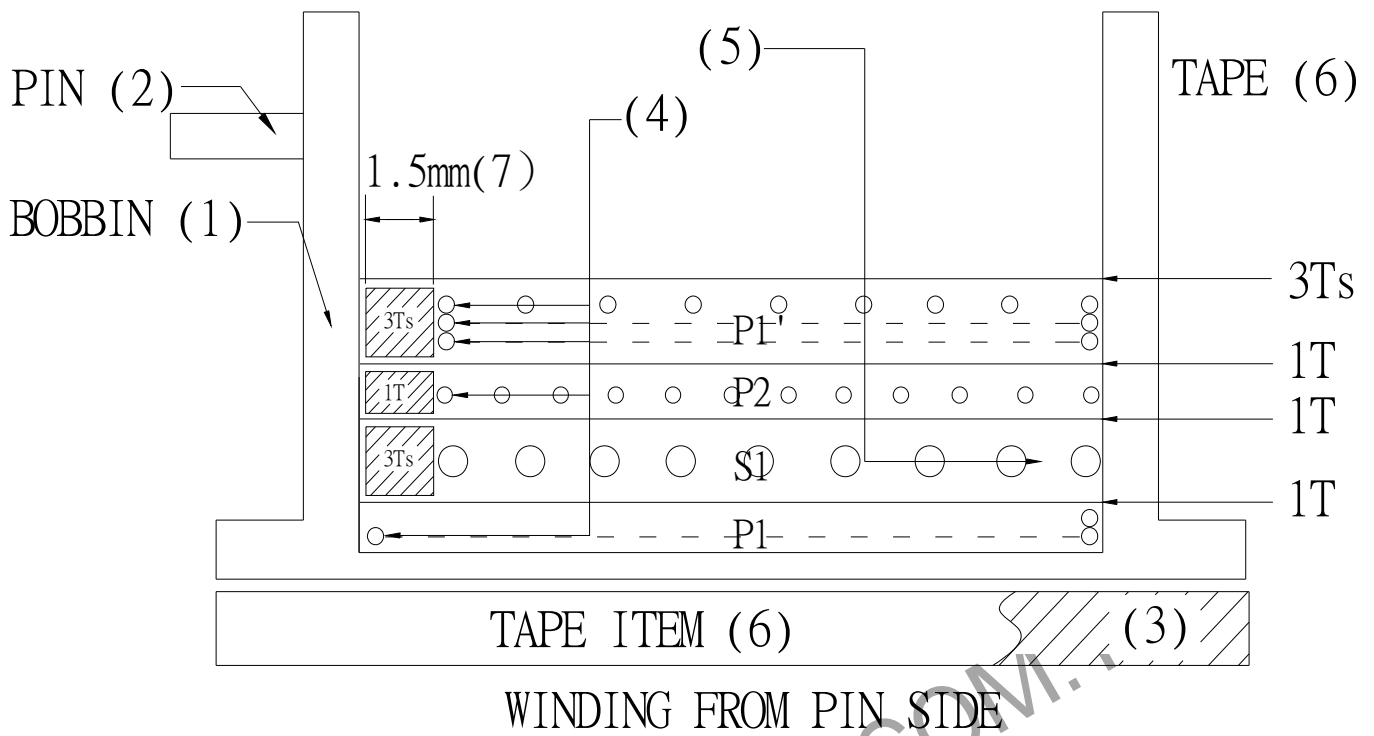
INSULATION RESISTANCE:(AT DC 500V)

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

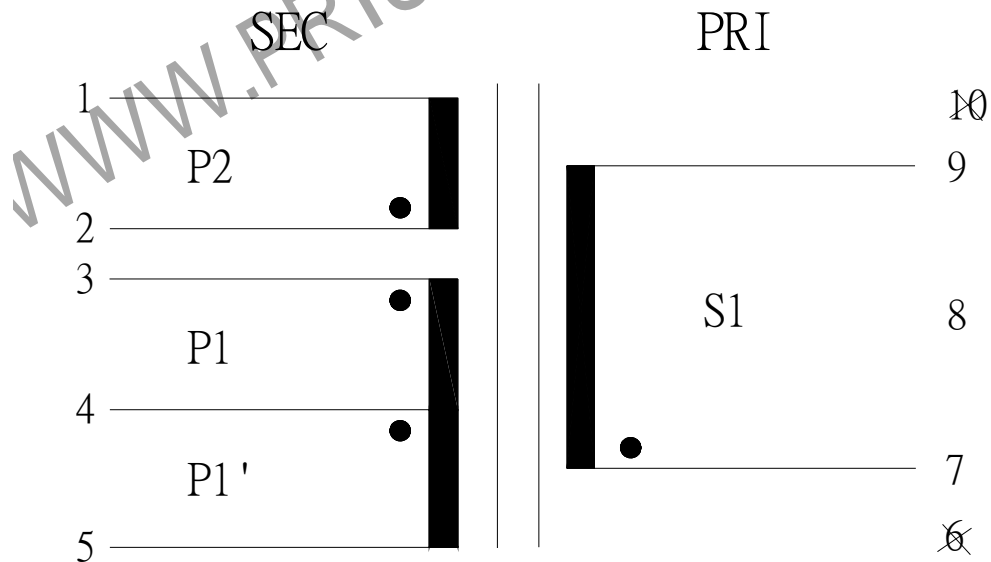
IMPULSE TEST :1200V -P(3 - 5)

| | | | | | |
|-----------|----------|-------------|---------------------|---------|-------|
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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:0.71mm Min. P-1631 | ✓ | E41429 | SUMITOMO |
| 2 | PIN | (2) | TINNED C.P WIRE Φ 0.6 | ✓ | | WELL FORE |
| 3 | CORE | (3) | FERRITE CORE EE16/15/5E TP4 | ✓ | | 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 #1318Y-1 | ✓ | E17385 | 3M |
| 7 | MARGIN TAPE | (7) | COMPOSITE FILM #44D-A | ✓ | E17385 | 3M |
| 8 | EPOXY | | 6020H | ✓ | E229633 | WELLS |
| 9 | VARNISH | | TVB2180T | ✓ | E83702 | KYOCERA |

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