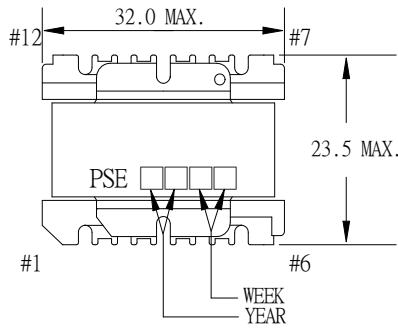
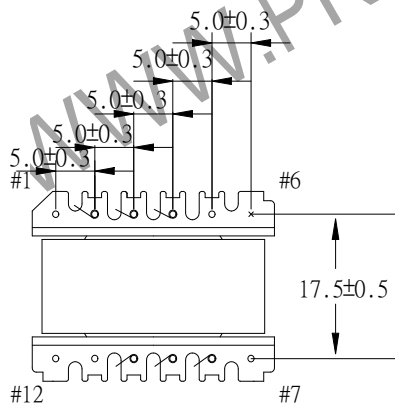
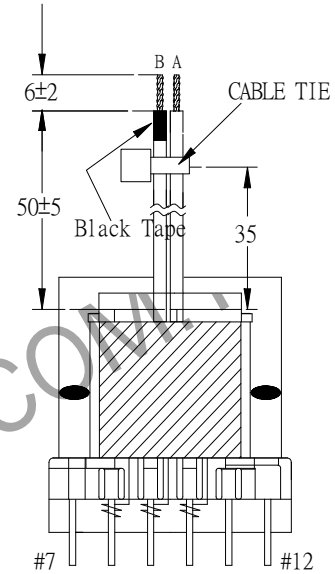
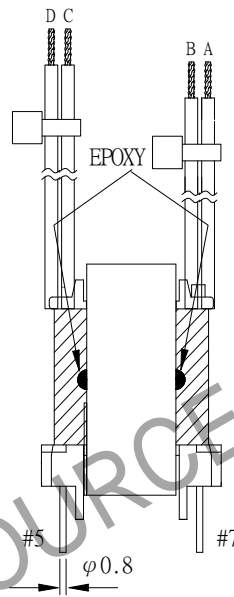
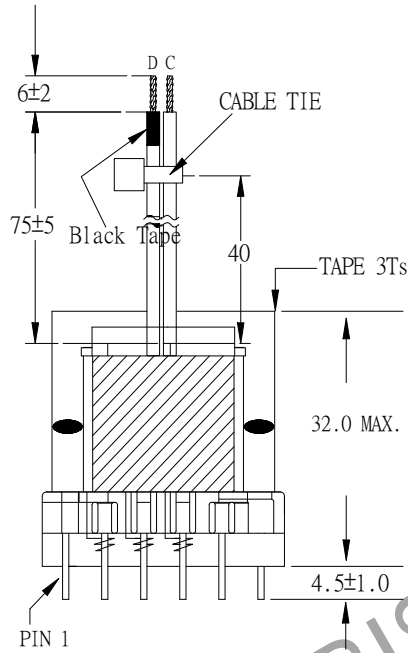


1. MECHANICAL & ASSEMBLY :

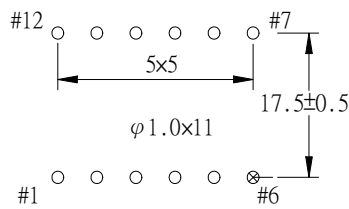


NOTE:

1. EPOXY FIXED BETWEEN CORE & CORE (TTL:4 POINTS)
2. PIN 6 NO.
3. 飛線需互絞 2~3 回后上束帶
4. ADD ONE DROPS OF GLUE INSIDE OF THE CORE TOP.



以下の治具に容易に挿入できること。



UNIT:mm

| | | | | |
|-----------|----------|-------------|---------------------|---------|
| REPORT BY | CHECK BY | APPROVED BY | CUSTOMER : | DATE |
| | | | PART NO : 81P-16022 | 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 | 1.5mm/1.5mm×2Ts | 2 - 3 | 0.30φ | 74 | 1T/2Ts | #28/~ | CLOSE |
| 2 | NS1 | 1.5mm/1.5mm×2Ts | D - C | TEX-E 0.4φ×2 | 8 | 1T | #15/#15 | SPACE |
| 3 | NS2 | 1.5mm/1.5mm×2Ts | B - A | TEX-E 0.4φ×2 | 7 | 2Ts | #15/#15 | SPACE |
| 4 | NP2 | 1.5mm/1.5mm×1T | 10 - 9 | 0.30φ×2 | 13 | 1T | | CLOSE |
| 5 | NP3 | | 9 - 8 | 0.30φ×2 | 3 | 1T | | SPACE |
| 6 | NP1' | 1.5mm/1.5mm×2Ts | 3 - 4 | 0.30φ | 74 | 1T/3Ts | | 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 |
|---------|--------------------------------|---------------------------------|------------------------------|---------------------|
| 2 - 4 | 2500uH ±15% | | INPUT 1Vrms | 2.5 Ω |
| 2 - 3 | | | 0.4847Vrms±4.0% | 1.0 Ω |
| D - C | | | 0.0530Vrms±5.0% | 49.5 mΩ |
| B - A | | | 0.0471Vrms±7.0% | 40.0 mΩ |
| 10 - 9 | | | 0.0877Vrms±5.0% | 117.0 mΩ |
| 9 - 8 | | | 0.0213Vrms±7.0% | 30.0 mΩ |
| 3 - 4 | | | 0.5150Vrms±3.0% | 1.5 Ω |

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

NP. TO NS. 4000.VAC
NS. TO CORE 4000 VAC

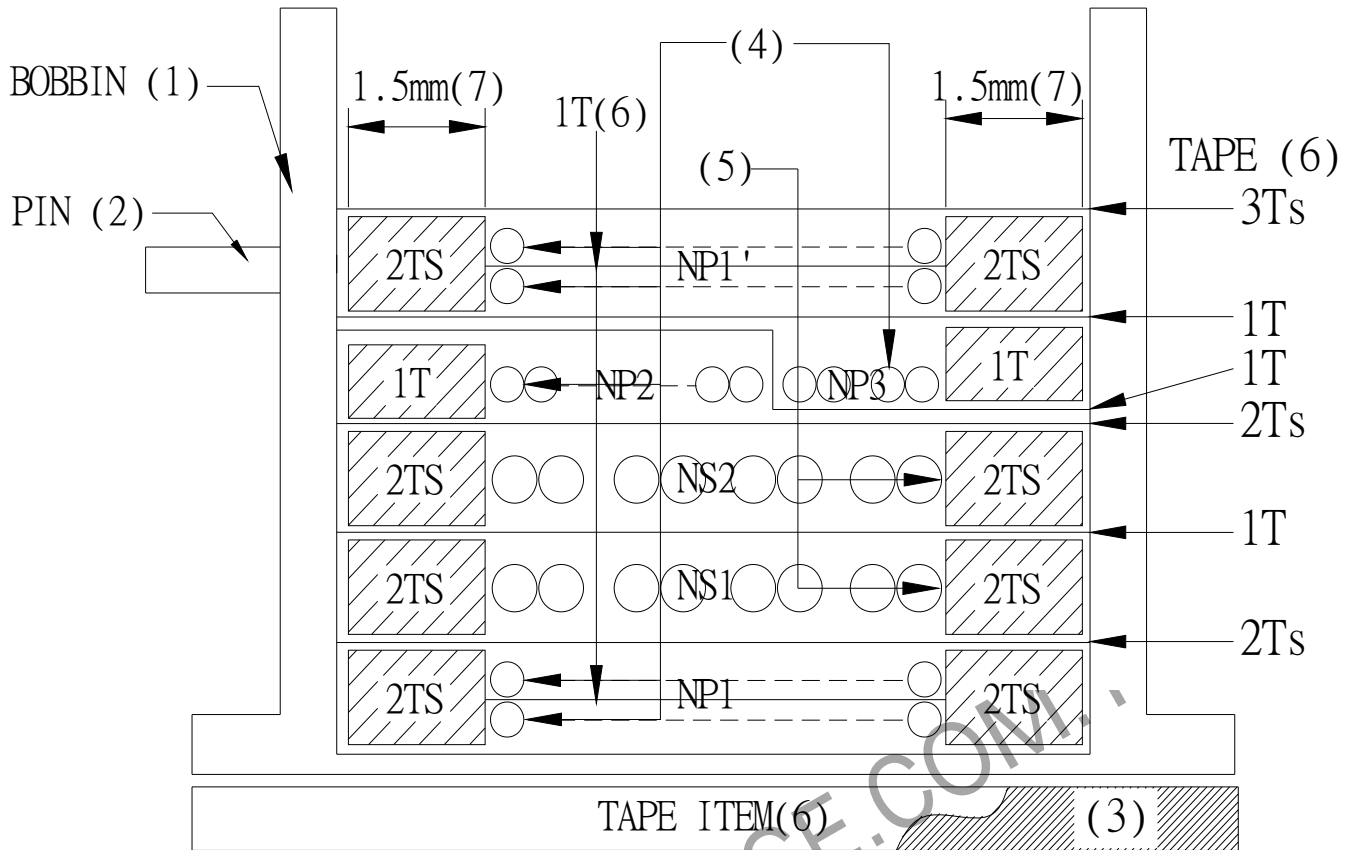
INSULATION RESISTANCE:(AT DC 500V)

NP. TO NS. 100 MΩ MIN.
NS. TO CORE. 100 MΩ MIN.

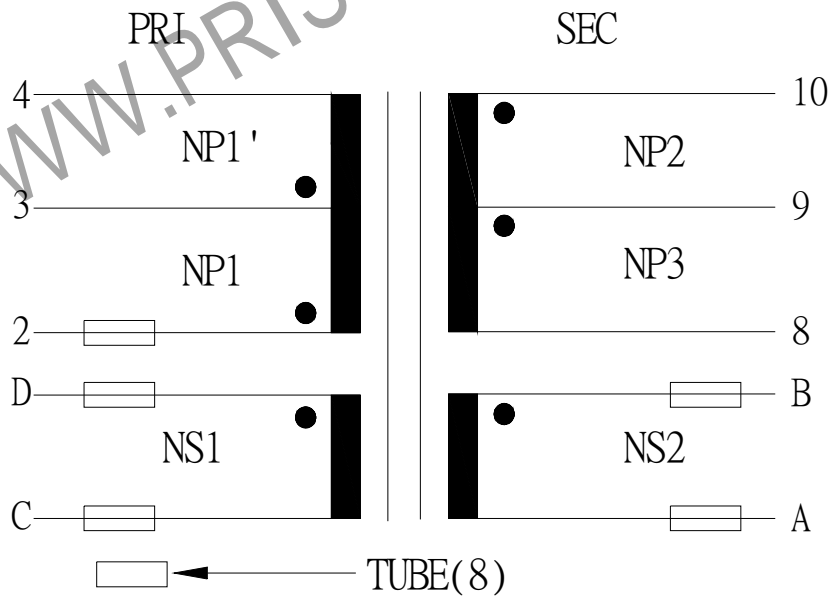
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|-----------|----------|-------------|---------------------|---------|
| | | | PART NO : 81P-16022 | REV NO. |
| | | | ISSUE NO : | PAGE |
| | | | | 4 - 2 |

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4. WINDING SEQUENCE:



5. SCHEMATIC:



| | | | | | |
|-----------|----------|-------------|---------------------|---------|-------|
| REPORT BY | CHECK BY | APPROVED BY | CUSTOMER : | DATE | |
| | | | PART NO : 81P-16022 | 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:0.71mm Min. P-2818 | ✓ | E41429 | SUMITOMO |
| 2 | PIN | (2) | TINNED C.P WIRE Φ 0.8 | ✓ | | WELL FORE |
| 3 | CORE | (3) | FERRITE CORE FEM2814 TP4 | ✓ | | TDG |
| 4 | COPPER WIRE | (4) | POLYURETHANE(1UEW) TYPYU-130 MW75-C | ✓ | E197768 | HENG YA |
| 5 | TRIPLE WIRE | (5) | TEX-E | ✓ | E206440 | FURUKAWA |
| 6 | MYLAR TAPE | (6) | POLYESTER FILM #1350F-1 (Y) COLOR:YELLOW | ✓ | E17385 | 3M |
| 7 | MARGIN TAPE | (7) | COMPOSITE FILM #44T-A | ✓ | E17385 | 3M |
| 8 | TUBE | (8) | TEFLON TUBE TFL | ✓ | E156256 | GREAT HOLDING |
| 9 | CABLE TIE | | CV-075 | ✓ | | KSS |
| 10 | EPOXY | | 6020H | ✓ | E229633 | WELLS |
| 11 | VARNISH | | TVB2180T | ✓ | E83702 | KYOCERA |

| | | | | | |
|-----------|----------|-------------|---------------------|---------|-------|
| REPORT BY | CHECK BY | APPROVED BY | CUSTOMER : | DATE | |
| | | | PART NO : 81P-16022 | REV NO. | |
| | | | ISSUE NO : | PAGE | 4 - 4 |