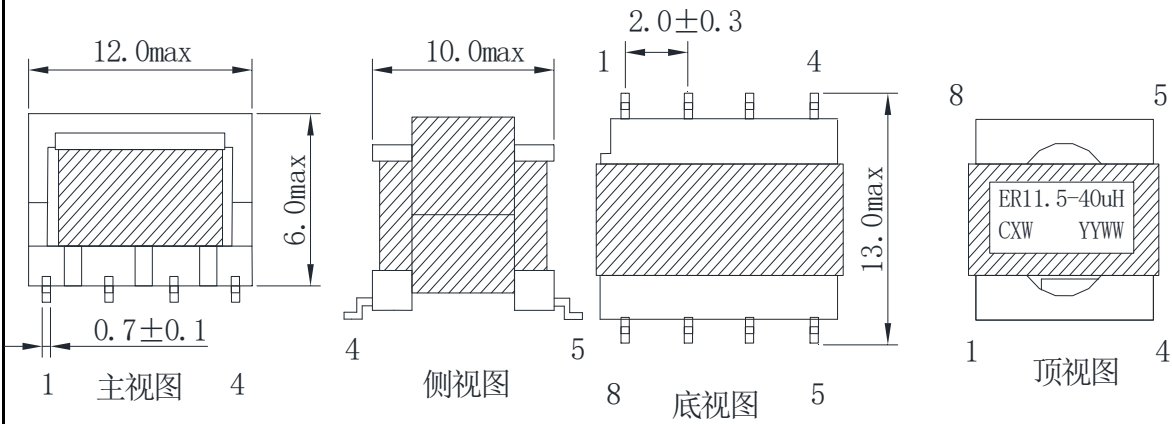


## ER11.5 Specification document

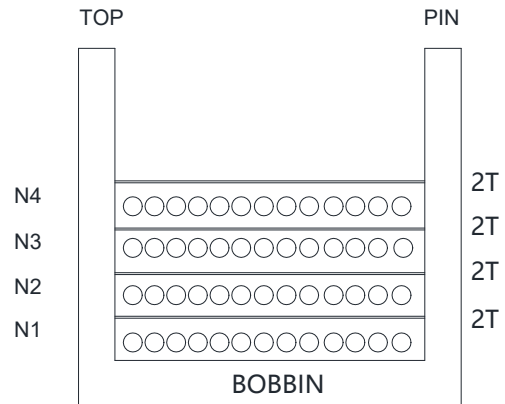
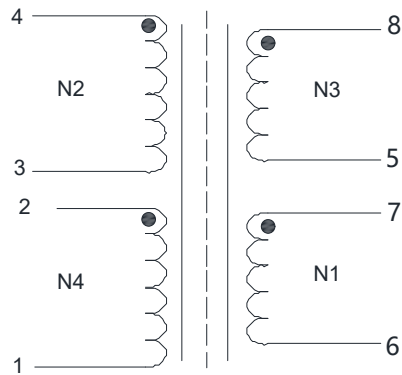
### 1. OUTLINE DIMENSION: (UNIT:mm)



### 2. SCHEMATIC:

### 3. CONSTRUCTION DIAGRAM:

#### ● 同名端



### 4. WINDING CONSTRUCTION:

| Process | Barricade tape |     | Phase | Wire diameter/number of strands | Number of turns | Tape 16.5mm | Insulating sleeve |        | Remark                     |
|---------|----------------|-----|-------|---------------------------------|-----------------|-------------|-------------------|--------|----------------------------|
|         | PIN            | TOP |       |                                 |                 |             | Starting          | ending |                            |
| N1      | /              | /   | 7--6  | $\Phi 0.20 \times 1C (2UEW)$    | 8TS             | 2TS         | /                 | /      | 1 layers of dense wrapping |
| N2      | /              | /   | 4--3  | $\Phi 0.20 \times 1C (2UEW)$    | 16TS            | 2TS         | /                 | /      | 2 layers of dense wrapping |
| N3      | /              | /   | 8--5  | $\Phi 0.20 \times 1C (2UEW)$    | 8TS             | 2TS         | /                 | /      | 1 layers of dense wrapping |
| N4      | /              | /   | 2--1  | $\Phi 0.15 \times 1C (2UEW)$    | 10TS            | 2TS         | /                 | /      | 1 layers of dense wrapping |

5. ELECTRICAL CHARACTERISTICS: (Temperature: 25 °C ± 5 °C; Humidity: 65 ± 25% )

1). Inductance:: L (4--3) :40uH±10% (1KHz, 0.30V)

Lk (16--14) : 200uH MAX (10KHz, 0.3V短路其它脚)

2). Hi-Pot Test:AC50/60Hz (CS2670AX)

PRI/ :SEC: 1000VAC/5mA/3S

SEC/ :CORE: 800VAC/5mA/3S

6. Material List

| Number | Name          | Specification and Material              | Certification | Temperature characteristics |
|--------|---------------|-----------------------------------------|---------------|-----------------------------|
| 1      | Skeleton      | ER11.5 vertical<br>SMD 4+4P T375J 94V-0 | E59481(S)     | 150℃                        |
| 2      | Magnetic core | ER11.5<br>PC44                          | N/A           |                             |
| 3      | Copper wire   | xUEW/155, QA-x/155                      | E239508       | 155℃                        |
| 4      | Fan Lishui    | E962                                    | E335405       | 130℃                        |
| 5      | Tape          | JY312                                   | E188295       | 130℃                        |
| 6      | Casing        | TFL                                     | E156256       | 200℃                        |
| 7      | Tin bar       | Tin/Copper                              | N/A           |                             |