

Double side adhesive) 20240627

Recognizing that

SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Jiayutron Technology

CUST P/N: Co. 25.21224-1

YUYAO P/N: YY-2521224

Model No: Ø17*0.08*24P*2P*11TS-6.8UH-47mm/43.5*0.5Double Slot(Coil face sticker
Double side adhesive

DATE: 20240627

VERSION: V1

| | | | |
|----------------------------|------------------|----------------|------------------------------------------------|
| make surely PREPARED BY | Audit CHECKED BY | APPROVED BY | The client recognizes that CUSTOMER APPROVE |
| Zheng Shaodong | Yao Zhendong | Cao Qiancheng | |



dongguan yuyao electronic technology co

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dongguan yuyao electronic science and technology co.

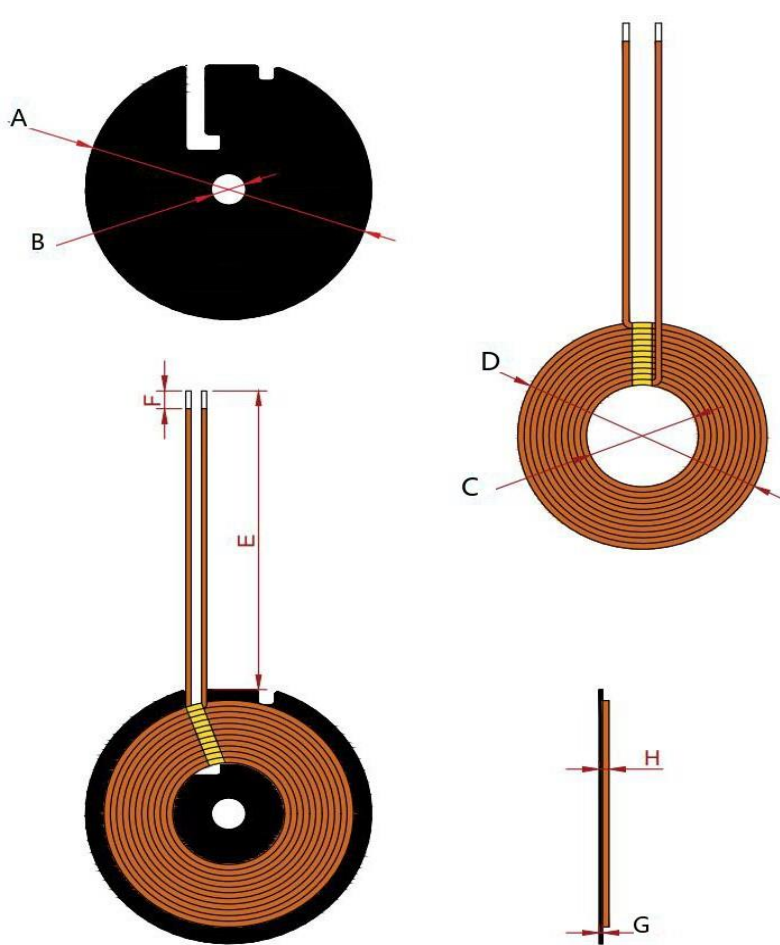
version change history

Version Change History

| Version on Rev | Before Change | After Change | Change Date | Approved By |
|----------------------|------------------|--------------|-------------|-------------|
| A.1 | New issue | | 20240627 | |
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SPECIFICATION APPROVAL

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|-----------|---------------------------------------------------------------------------------------------|----------|----|------------|------------------------------------------|
| Model No: | Ø17*0.08*24P*2P*11TS- 6.8UH-47mm/43.5*0.5 double groove (coil-faced, double-sided adhesive) | VERSION: | V0 | CUSTOMER: | Shenzhen Jiayutron Technology Co Limited |
| | | | | CUST P/N: | 25.21224-1 |
| | | | | YUYAO P/N: | YY-2521224 |

| | | | |
|-------------------------------------------------------------------------------------|--|---|-----------|
| I. DIMENSION:(mm) | | A | 43.5±0.5 |
|  | | B | 5.3±0.5 |
| | | C | 17±0.5 |
| | | D | 38±1 |
| | | E | 47-1/+2.5 |
| | | F | 2±0.5 |
| | | G | 0.5±0.1 |
| | | H | 1.6Max |
| | | I | |
| | | J | |
| | | K | |
| | | L | |

Note: 1. 38 rounds of double-sided tape with ears are attached to the face of the coil

2. two wires coming out of one slot

| | |
|-----------------------------------|----------------------------|
| formulated/dated PREPARED BY/DATE | Audit/Date CHECKED BY/DATE |
| Zheng Shaodong/20240627 | Yao Zhendong/20240627 |

SPECIFICATION APPROVAL

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ii. schematic diagram SCHEMATIC DIAGRAM.



Three, winding parameters WINDING SPECIFICATION.

| Serial No. NO | Terminal TERMINAL | | Wire diameter WIRE | Number of turns TURNS | WINDING DIRECTION |
|---------------------|----------------------|---|----------------------------------------|--------------------------|-------------------|
| 1 | S | F | 0.08*24P*2P hot air self-adhesive cord | 11TS | Counterclockwise |

Electrical characteristics ELECTRICAL CHARACTERISTICS.

Temperature TEMPERATURE:25°C±10°C, Humidity RELATIVE HUMIDITY:65±20%.

| Serial No. NO | Project ITEM | Terminal TERMINAL | Standard SPECIFICATION | Test conditions TEST FREQUENCY | TEST EQUIPMENTS |
|---------------------|-----------------|----------------------|-----------------------------------|-----------------------------------|--------------------|
| 1 | IND | S-F | 3.8 UH ± 10% single coil | 100KHZ/1V | LCZ METER1062B |
| 2 | IND | S-F | 6.5-6.8 UH with magnetic sheet | 100KHZ/1V | LCZ METER1062B |
| 3 | DCR | S-F | 75mΩ MAX | 1KHZ/1V | TH2810 |
| 4 | Q-value | S-F | 35MIN | 100KHZ/1V | LCZ METER1062B |

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V. PRODUCT PICTURE



VI. MATERIAL

| Serial No. NO | MATERIAL NAME | Description of the product DESCRIPTION | Manufacturer MANUFACTURER |
|---------------|-----------------|-----------------------------------------------|---------------------------|
| 1 | line material | 0.08*24P*2P hot air self-adhesive cord | RH |
| 2 | magnetism piece | Ø43.5*5.3*0.5mm ferrite hard magnetic sheet | KHF |
| 3 | tin strip | High temperature environmentally friendly tin | DB |
| 4 | glue water | BE885-9007 | BR |
| 5 | glue belt | 3mm high temperature tape | |
| 6 | back glue | Double-sided adhesive | |
| 7 | bag install | Pearl Cotton | |

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|--------------------------------------------------------------------------------------------|----------------------------|
| Remarks: REMARK: The above materials comply with ROHS 2.0+REACH environmental requirements | |
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