



# SINYOTechnology(Dongguan)co., Ltd.

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## SAMPLE SPECIFICATION FOR APPROVAL

|                   |                             |
|-------------------|-----------------------------|
| Customer          | PYS High-Tech Co., LTD      |
| Part Name         | Coil                        |
| Liyin Part        | 21.46x39.3x0.08x65Px11TS-05 |
| Customer Part No. | 702-090000-099              |
| Rev.              | A1                          |
| Date              | 2025.02.26                  |

Customer Approved And Signature

SINYO Approved

谢兵向

### 1. Sample Submission Reason

1.New SPEC    2.New Material    EC.

### 2 Request For New SPEC.

| Current | Request | Reason |
|---------|---------|--------|
|         |         |        |
|         |         |        |
|         |         |        |

### Remark:

1.

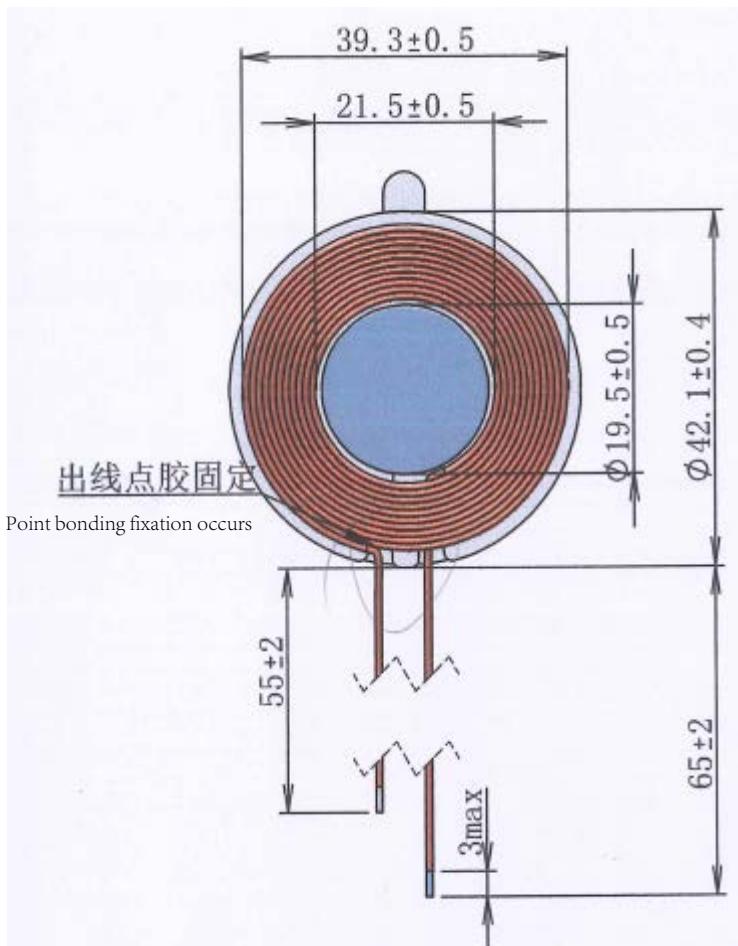
Important When Sample Approved,Please Sign And Returned By Fax, Before Place Order Inorder To Fulfill Our ISO Requirement !

2.

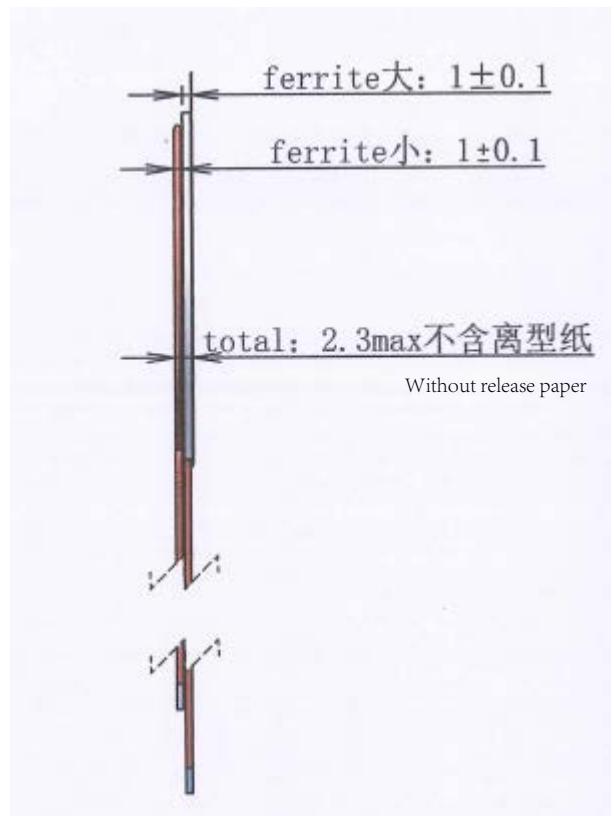
Above product comply to SINYO Environmental material system requirement.

3.

In Event Of No Sign Back, We Will Under Take P.O. As Acceptance To Sample Approval!



Point bonding fixation occurs

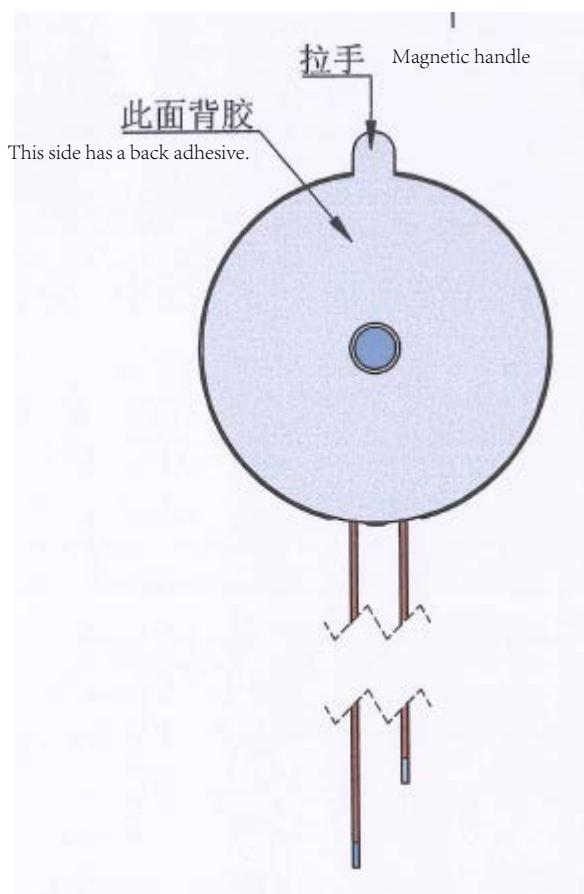


Without release paper

Storage temperature:  $25 \pm 10^\circ \text{ C}$

Humidity: 65+20%

Operating temperature:  $80^\circ \text{ C}$  max



Requirements for ferrite technology:

1. Use manganese-zinc BP40
2. The parts should be smooth and clean, and no dents or scratches should be present.
3. The product must comply with environmental protection requirements. Coil technology requirements: Winding direction: CW Wire specification: 0.08mm \* 65P enameled copper wire
2. Coil Specifications: COIL, Inner Diameter 21.46\*39.3\*0.08\*65P\*1P\*11TS
3. The length of the incoming wire is  $65 \pm 2$  mm, and the length of the outgoing wire is  $55 \pm 2$  mm; the length of the soldered part of the lead is 3 mm at most.
4. The winding should be neat and the surface enamel coating must not be damaged: Appearance requirements: Class 2.
5. Dimensions not specified shall be in accordance with the drawings.
6. Unspecified tolerances: Wire diameter 0.2mm, R corner 0.5mm.
7. The product meets the halogen-free requirement.
8. Materials and surface treatments must not be altered without permission.
9. The symbol "ball" on the engineering drawing is used to mark the key controlled dimensions. Finished product electrical specifications: (@1V 100KHZ) Single-coil LS:  $4.6\mu\text{H} \pm 5\%$  Finished product (coil + ferrite) LS:  $8.5\mu\text{H} \pm 5\%$  RDC: 80 mohm(max) RAC: 160 mohm (max)