



Shenzhen Zhide Electronics Co., LTD

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SPECIFICATION FOR APPROVAL

CUSTOMER:

Wei is the source

CUST P/N:

34200018

ZD P/N:

ZD-WY- (made with foam type)

DESC:

Ø 15.1*21-0.08*24P-13TS-11-25RC

DATE:

2024/1/24

VERSION:

A.0

| PREPARED BY | examined and verified CHECKED BY | ratified APPROVED BY | Customer acknowledges CUSTOMER APPROVE |
|------------------------|-------------------------------------|----------------------------|----------------------------------------------|
| Tian Peng 2024/1/24 | Xiao-qi li 2024/1/24 | Duan Renliang 2024/1/24 | |

the earthAddress: 6th floor, Building A, Shangmugu Jinli Industrial Park, Pinghu Street, Longgang District, Shenzhen

electricity Words: 13316968872

E-mail: 914996326@qq.com

| | | | | |
|-----------------------------------------------------------|----------------------------------------|------------------------|----------------------------------------------|-------------------------------------------|
| <u>Product specification book</u> SPECIFICATION | | edition A/0 | Production: Tian Peng 2024/1/24 | Review: Li Xiaoqi, 2024 / 1 / 24 |
| Drawing number: ZD-GCQP0000335 | | Page code: 2 / 4 | customer code: CUS T | WY-231205 |
| specifications and models | Ø 15.1*21-0.08*24P-13TS-11-25RC | | Customer material number: CU S T P / N | 34200018 |
| | | | Internal material number: IN P/N | ZDWY231205 |

Version change resume

Version Change History

| edit ion Rev | become different change front Before Change | become different change behind After Change | Change the date Change Date | write instructions or comments on standar d Approved By |
|--------------------|----------------------------------------------------------|-------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------|
| A/0 | new issue | ----- | 2024/1/24 | Duan Renliang |
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Bill of Material

Bill of material

| | | | | | | | | | | | | |
|-----------------------------------------------------------|----------------------------------------|-------------|-------------|---------|---------|-------------|-------------|----------------|----------------------------------------------|----------------------------------------|-----|-----|
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| Drawing number: ZD-GCQP0000335 | | | | | | | | Page: 3 / 4 | customer code: CUS T | WY231205 | | |
| specifications and models | Ø 15.1*21-0.08*24P-12TS-11-25RC | | | | | | | | Customer material number: CU S T P / N | 34200018 | | |
| | | | | | | | | | Internal material number: INP / N | ZD-WY231205 | | |
| A | B | C | D | E | F | H | H1 | H2 | --- | --- | --- | --- |
| 15.1 ± 0.5 | 21 Max | 7.7 ±0.2 | 24.55 ±2 | 2 ±1 | 8 ±2 | 1.3 ±0.2 | 2.5 ±0.2 | 4.33 ±0.2 | --- | --- | --- | --- |

一、 Dimension DIMENSION: (mm) winding mold: 14.2 coil single weight: 1.1

Figure 1:coil

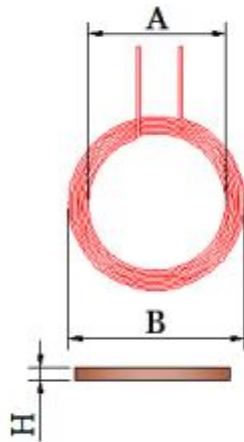


Figure 2:Soft magnetic

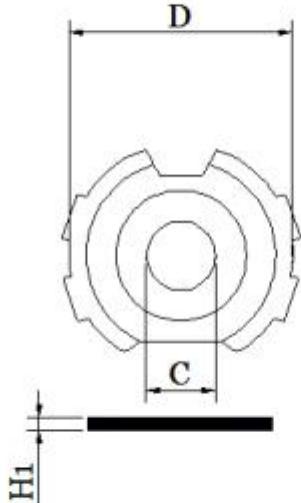
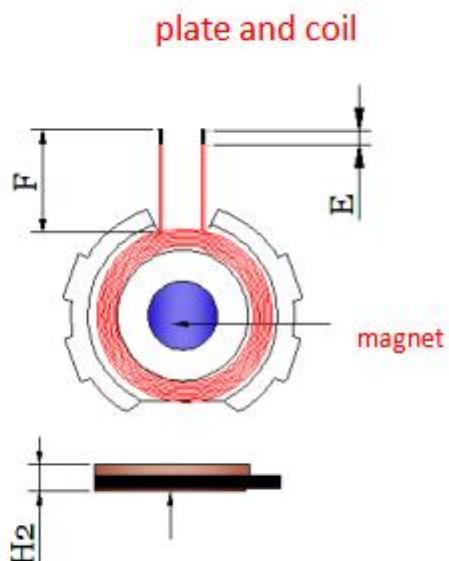


Figure 3:Soft magnetic



1. The coil is not cross out (as shown in the figure).
2. The inner diameter of the rubber magnetic sheet is 7.7mm, the outer diameter is 24.5mm, and the back of the magnetic sheet is 18*1.5mm at the center of the magnetic piece.
3. The center position of the front of the sheet is 7.8mm thick 2.0mm magnet (as shown).

2. Schematic diagram of the SCHEMATIC DIAGRAM:



3. Winding parameter Winding Specification:

| order number NO | terminal TERMINAL | Line diamet er WIRE | Wire decomposition temperature Temperature | number of turns Turns | direction of winding Winding Direction |
|-----------------------|----------------------|-------------------------------|-----------------------------------------------------|--------------------------------|----------------------------------------------|
| 1 | S F | Enamelled wire is 0.08G * 24P | At 180-250 degrees | 13TS | anticlockwise |

| 4. Electrical characteristics ELECTRICAL CHARACTERISTIC:: Temperature TEMPERATURE: $25 \pm 10^\circ\text{C}$, humidity RELATIVE HUMIDITY: $65 \pm 20\%$ | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|--------------------------|-----------------------------------------------|------------------------------------------------------|
| order number NO | Magnetic sheet material Disk material | induct ance value LS | impe danc e DCR | test condition TEST FREQUENCY | measuring and test instruments TEST EQUIPMENTS |
| 1 | | 4.5 uH $\pm 5\%$ (single coil) | 116m $\Omega \pm 10\%$ | 100KHz/1.0V | U2832 |
| 2 | Rubber magnetic sheet | 8.1 uH $\pm 5\%$ (lamp) | 116m $\Omega \pm 10\%$ | 100KHz/1.0V | U 2832 |
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| specifications and models $\text{Ø } 15.1 * 21 - 0.08 * 24P - 13TS - 11 - 25RC$ | | | Page: 4 / 4 | customer code: CUS T | WY-231205 |
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五、 Packaging method Packing way:

Bubbe cotton box packaging!