

Dongguan Defuli Hardware and Electronic Materials Co., Ltd.

Specification  
PRODUCT SPECIFICATION

Client :

ZLGD

CUSTOMER:

Customer Part Number:

ZLGD-0447

CUST P/N:

Devali Estimation Number:

ZLGD-Y20. 5\*39-33-FR

K C P/N:

product model :

20. 5\*39\*33\*0. 08mm\*80P\*11TS

D E S E :

date :

2024. 12. 24

D A T E :

Edition :

A. 0 VERSION :

(Customer acknowledges receipt of acceptance stamp) ACCEPTANCE STAMP

|                        |                              |                                              |                       |
|------------------------|------------------------------|----------------------------------------------|-----------------------|
| Fiction<br>PREPARED BY | Merchandiser<br>MERCHANDISER | Engineering Review<br>ENGINEER<br>CHECKED BY | Ratify<br>APPROVED BY |
| Zeng Xiaoxian          |                              |                                              | Qiu Zhihui            |

|                        |                                         |                      |
|------------------------|-----------------------------------------|----------------------|
| Version Change History | Customer<br>Part Number:<br>CUST P/N    | ZLGD-0385            |
|                        | Devali Estimation<br>Number:<br>DFL P/N | ZLGD-Y20. 5*39-50-FR |

| Edition<br>Rev. | Before Change<br>Before Change | Modified Content<br>DESCRIPTION(Content Or Reason ForChanged) | Date Date  | Reviser       |
|-----------------|--------------------------------|---------------------------------------------------------------|------------|---------------|
| A. 0            | --                             | New Release (Initial Release)                                 | 2024/12/24 | Zeng Xiaoxian |
|                 |                                |                                                               |            |               |
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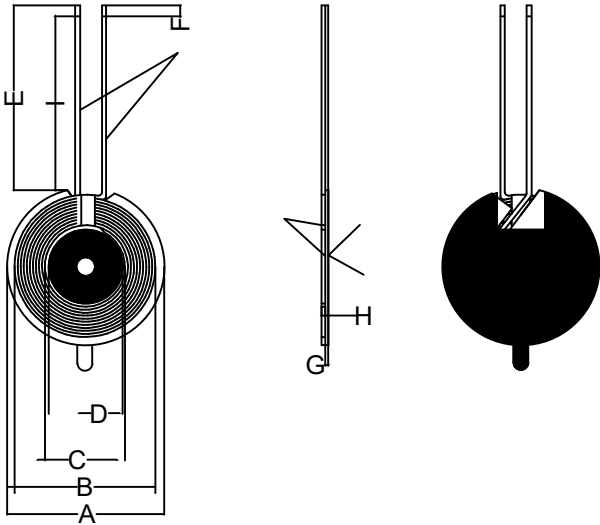
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|------------------------|-----------------------------------------|
| Fiction<br>PREPARED BY | Engineering Review:-checked by Engineer |
| Zeng Xiaoxian          | Qiu Zhihui                              |

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|                                      |                                      |                      |
|--------------------------------------|--------------------------------------|----------------------|
| Specification Content: Specification | Customer Part Number:<br>CUST P/N    | ZLGD-0447            |
|                                      | Devali Estimation Number:<br>DFL P/N | ZLGD-Y20. 5*39-33-FR |

1. Overall dimensions of products:



2. Unit:Millimeters(mm)

|            |         |            |         |         |     |           |        |      |
|------------|---------|------------|---------|---------|-----|-----------|--------|------|
| A          | B       | C          | D       | E       | F   | G         | H      | I    |
| 42. 5±0. 5 | 39±1. 0 | 20. 5±0. 5 | 20±0. 5 | 33±2. 0 | 3±2 | 0. 8±0. 2 | 1±0. 2 | 47±1 |
| J          | K       | L          | M       | N1/N2   | O   | P         |        |      |
|            |         |            |         |         |     |           |        |      |

|                        |                                         |
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|                                      |                                                    |                                                         |                                        |                                 |                                                                 |
|--------------------------------------|----------------------------------------------------|---------------------------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------------|
| Specification Content: Specification |                                                    |                                                         | Customer Part Number:<br>CUST P/N      | ZLGD-                           |                                                                 |
|                                      |                                                    |                                                         | Devali Estimation Number:<br>DFL P/N   | ZLGD-Y20. 5*39-33-FR            |                                                                 |
| Number of turns<br>Turns             | Wire Diameter<br>Wire Dia.                         | Winding Method: Loose/Dense<br>Wdg. Type<br>Spred/Close | Direction of winding<br>Wdg. Direction | Intersect:<br>Yes/No<br>Yes/Not | Coil: Positive/Reverse Placement<br>Coil<br>Positive/Anti Paste |
| 11TS                                 | 0.08 mm × 80 strands<br>hot-air wire (silk-coated) | Close                                                   | Counterclockwise                       | Intersect (Yes)                 | Anti-Post<br>(Anti/-Paste)                                      |

All materials must comply with the ROHS standards.

## 2. Electrical Characteristics:

Temperature: 25±10°C; Relative Humidity: 65±10%

| Order number<br>NO. | Proj-<br>ect<br>ITEM | Terminal<br>TERMINAL | Standard<br>SPECIFICATION | Test condition<br>TEST FREQUENCY | Measuring and test instruments<br>TEST EQUIPMENTS |
|---------------------|----------------------|----------------------|---------------------------|----------------------------------|---------------------------------------------------|
| 1                   | IND                  | S-F                  | Inductance: 7.9 μH ± 0.3  | 100kHz/V                         | SHDA 1062                                         |
| 2                   | DCR                  | S-F                  | Resistance :              | 100kHz/V                         | SHDA 1062                                         |
| 3                   | Q price              | S-F                  | Q-value: above 8.5        | 100kHz/V                         | SHDA 1062                                         |

|                        |                                         |
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### Specification Content: Specification

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Part Number:  
CUST P/N

ZLGD-0447

Devali Estimation  
Number:  
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ZLGD-Y20. 5\*39-33-FR

### 3. Bill of Materials:

| Order<br>number<br>NO. | Material Name<br>Material name | Product Name Description                                                                                                             | Material Code<br>Material Code       | Manufacturer<br>Code Vendor<br>code |
|------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------|
| 1                      | Wire stock                     | 0.08 mm × 80 threads hot air supply line                                                                                             | /                                    | RS                                  |
| 2                      | Magnetic sheet                 | G42.5*0.8 mm thick, perforated, custom-shaped hard magnetic sheet + 20*1 magnetic sheet                                              | /                                    | ZH                                  |
| 3                      | Black membrane                 | Black film 42: abnormal shape, without pores or "ears"                                                                               | /                                    | /                                   |
| 4                      | Double faced adhesive tape     | Back adhesive 42, non-perforated band with ears (opening: length 13 mm, width 11 mm); inner hole diameter: 8 mm; equipped with ears. | /                                    | /                                   |
| 5                      | Tin bar                        | Environmental-friendly lead-free solder wire                                                                                         | Lead-free high-temperature tin strip | YX                                  |
| 6                      | Gold Finger Bandage            | 5 mm wide                                                                                                                            | /                                    |                                     |
| 7                      | Glue                           | Environmental-friendly universal adhesive + 816 silicone gel                                                                         | /                                    | /                                   |
| 8                      | Heat shrink tubing             | 1×28 mm heat shrink tube                                                                                                             |                                      |                                     |

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