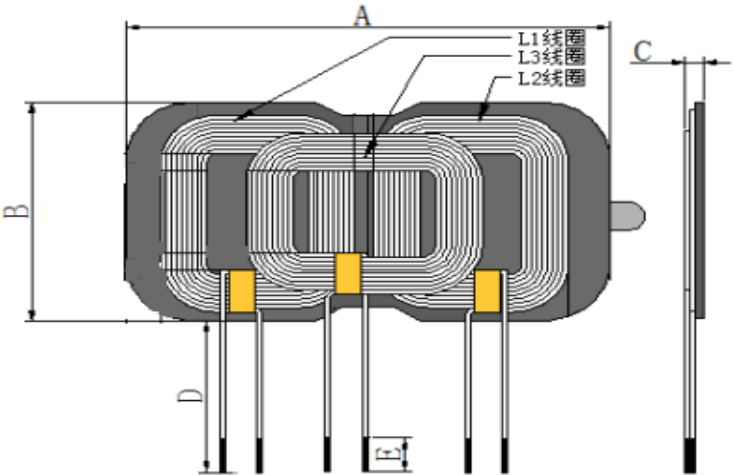


# SPECIFICATION FOR APPROVAL

## 1.MECHANICAL DIMENSION (UNIT:mm)

## 2. SCHEMATICS:



S —

F —

| A      | B      | C      | D     | E   |
|--------|--------|--------|-------|-----|
| 93±1.0 | 52±1.0 | 4.8Max | 160±5 | 4±2 |

## 3.WINDING:

| STEP | START-FINISH | WIRE TYPE                      | TURNS     | TAPE |
|------|--------------|--------------------------------|-----------|------|
| N1   | S-F          | □0.08*105mm <sup>2</sup> UEW-F | 9TS (Ref) |      |

## 4. ELECTRICAL SPECIFICATION:

| ITEM | L1            | L2            | L3            |  | HI |
|------|---------------|---------------|---------------|--|----|
|      | 100KHz, 0.25V | 100KHz, 0.25V | 100KHz, 0.25V |  |    |
| SPEC | 6.8uH±10%     | 6.8uH±10%     | 6.3uH±10%     |  |    |

## 5.BILF OF MATERIAL:

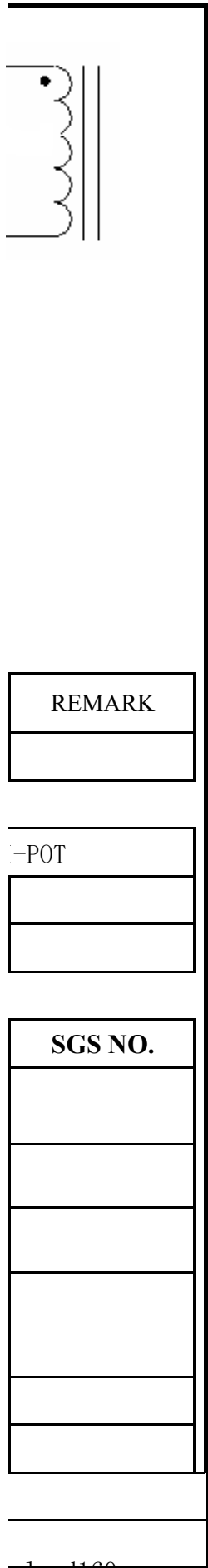
| NO. | ITEM             | MATERIAL SPECIFICATION                         | MANUFACTURER                                    |
|-----|------------------|------------------------------------------------|-------------------------------------------------|
| 1   | Copper-clad wire | 0.08*105                                       | SHENZHEN JINMA NEW MATERIALS TECHNOLOGY CO.,LTD |
| 2   | Solder Bar       | Solder Bar                                     | QIAODO                                          |
| 3   | magnetic sheet   | G46.5*52*2p Manganese zinc hard magnetic sheet | TAIYI CO.,LTD                                   |
| 4   | glue             | Yellow Glue 9999                               | DONGGUANSHIGUOXISHIY EYOUXIANGONGS              |
| 5   | High temperature | 8mm Wide high-temperature adhesive paper       | CUDAK CO.,LTD                                   |
| 6   |                  |                                                |                                                 |

HRSW ELECTRONICS CO.,LTD

PART NO

TITLE

4.0-TH-2020-0001-1



|        |
|--------|
| REMARK |
|        |

|      |
|------|
| -POT |
|      |
|      |

| SGS NO. |
|---------|
|         |
|         |
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|         |
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|         |

# SPECIFICATION FOR APPROVAL

| 6. SAMPLE TEST DATA          |               |               |               |        |         |   |        |  |  |
|------------------------------|---------------|---------------|---------------|--------|---------|---|--------|--|--|
| 6. 1DIMENSION TEST (UNIT:mm) |               |               |               |        |         |   |        |  |  |
| TEST ITEM                    | A             | B             | C             | D      | E       |   |        |  |  |
| SPEC                         | 93±1.0        | 52±1.0        | 4.8Max        | 160±5  | 4±2     |   |        |  |  |
| 1                            | 93.26         | 52            | 3.87          | 161    | 3.50    |   |        |  |  |
| 2                            | 93.5          | 52.16         | 4.23          | 159    | 3.40    |   |        |  |  |
| 3                            | 93.4          | 52.13         | 4.45          | 157    | 4.20    |   |        |  |  |
| 4                            | 93.1          | 52.14         | 2.9           | 162    | 4.02    |   |        |  |  |
| 5                            | 93.2          | 52.06         | 4.51          | 164    | 3.90    |   |        |  |  |
| 6                            |               |               |               |        |         |   |        |  |  |
| 7                            |               |               |               |        |         |   |        |  |  |
| 8                            |               |               |               |        |         |   |        |  |  |
| 9                            |               |               |               |        |         |   |        |  |  |
| 10                           |               |               |               |        |         |   |        |  |  |
| MAX                          | 93.50         | 52.16         | 4.51          | 164.00 | 4.20    |   |        |  |  |
| MIN                          | 93.10         | 52.00         | 2.90          | 157.00 | 3.40    |   |        |  |  |
| AVERAGE                      | 93.29         | 52.10         | 3.99          | 160.60 | 3.80    |   |        |  |  |
| 6. 2ELECTRICAL TEST          |               |               |               |        |         |   |        |  |  |
| TEST ITEM                    | L1            | L2            | L3            | IDC    |         | Q | HI-POT |  |  |
|                              | S-F           |               |               |        |         |   |        |  |  |
| TEST COND                    | 100KHz/0.25v  |               |               |        |         |   |        |  |  |
| SPEC                         | 6.8uH<br>±10% | 6.8uH<br>±10% | 6.3uH<br>±10% |        |         |   |        |  |  |
| 1                            | 6.82          | 6.85          | 6.31          |        |         |   |        |  |  |
| 2                            | 6.84          | 6.84          | 6.35          |        |         |   |        |  |  |
| 3                            | 6.83          | 6.79          | 6.34          |        |         |   |        |  |  |
| 4                            | 6.81          | 6.80          | 6.40          |        |         |   |        |  |  |
| 5                            | 6.89          | 6.83          | 6.29          |        |         |   |        |  |  |
| 6                            |               |               |               |        |         |   |        |  |  |
| 7                            |               |               |               |        |         |   |        |  |  |
| 8                            |               |               |               |        |         |   |        |  |  |
| 9                            |               |               |               |        |         |   |        |  |  |
| 10                           |               |               |               |        |         |   |        |  |  |
| MAX                          | 6.89          | 6.85          | 6.40          |        |         |   |        |  |  |
| MIN                          | 6.81          | 6.79          | 6.29          |        |         |   |        |  |  |
| AVERAGE                      | 6.84          | 6.82          | 6.34          |        |         |   |        |  |  |
| HRSW ELECTRONICS CO., LTD    |               |               |               |        | PART NO |   |        |  |  |
|                              |               |               |               |        | TITLE   |   | A6     |  |  |