

SPECIFICATION FOR APPROVAL

|           |                                                                                                      |
|-----------|------------------------------------------------------------------------------------------------------|
| CUSTOMER: | <b>Xiaoji Technology</b>                                                                             |
| CUST P/N: | <b>CW314 phone coil</b>                                                                              |
| FINE P/N: | <b>G43.5*0.8 - 20.5 - 0.08*80 - 11T - 8.1uh - W39.5 -<br/>L10mm + BJ - Middle with 20*0.8 column</b> |
| DESC:     | <b>Φ 43.5MMX0.8MM</b>                                                                                |
| DATE:     | <b>2025/06/07</b>                                                                                    |
| Version:  | <b>A.0</b>                                                                                           |

| PREPARED BY | CHECKED BY | APPROVED BY | CUSTOMER APPROVE |
|-------------|------------|-------------|------------------|
| He licheng  | Ma li      | Dan keqing  |                  |

**Dongguan Yinze Electronic Technology Co., Ltd.**

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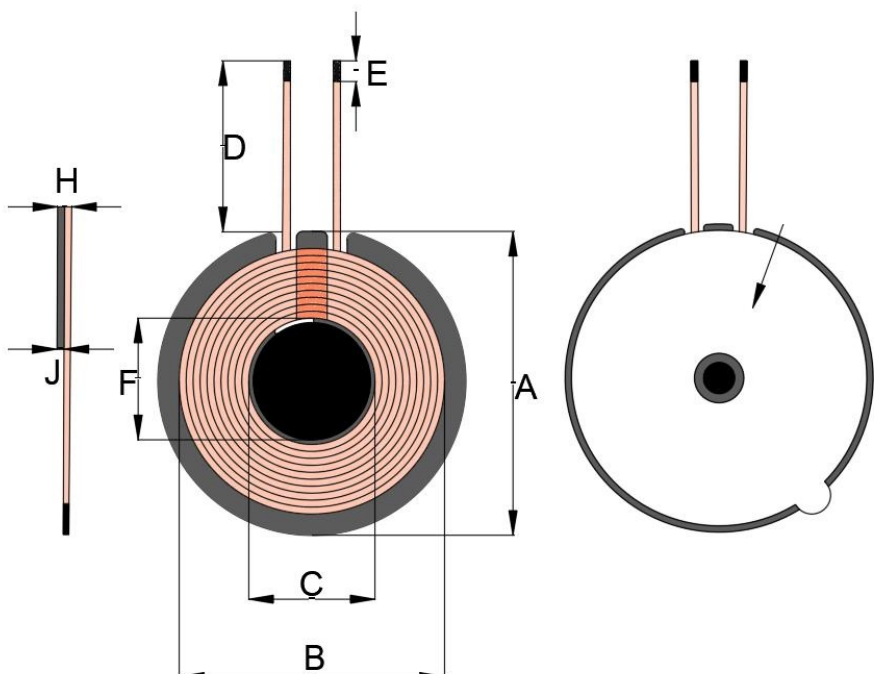
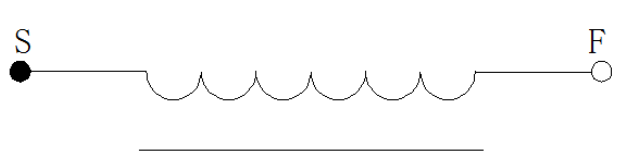
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## Version Change History

[illegible]

# SPECIFICATION

|                                                                                                                  |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|--------------------------------|----------------|-------------------|
| DESC                                                                                                             | <u>G43.5*0.8 - 20.5 - 0.08*80 - 11T</u><br><u>- 8.1uh - W39.5 - L10mm + BJ -</u><br><u>Middle with 20*0.8 columnn</u> |  | Rev: A.0        | CUST:                                                                                                                                          | Xiaoji<br>Technology |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | CUST P/N:                                                                                                                                      | phone coil           |          |                                |                |                   |
| 一、 DIMENSION:(mm)<br><br>     |                                                                                                                       |  |                 | A                                                                                                                                              | 43.5±0.5             |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | B                                                                                                                                              | 39.5±0.5             |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | C                                                                                                                                              | 20.5±0.5             |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | D                                                                                                                                              | 10±1                 |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | E                                                                                                                                              | 2±1                  |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | F                                                                                                                                              | 20±0.05              |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | H                                                                                                                                              | 2.2±0.15             |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | J                                                                                                                                              | 0.8±0.05             |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |
| 二、 SCHEMATIC DIAGRAM:<br><br> |                                                                                                                       |  |                 | Note:                                                                                                                                          |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | 1. Cross-line out;                                                                                                                             |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | 2. Coil is attached with 43.5mm double-slot magnetic sheet. The size of the magnetic sheet is 43.5 ± 0.5mm, and the thickness is 0.8 ± 0.05mm. |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | 3. The back of the magnetic sheet is attached with adhesive.                                                                                   |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | 三、 Winding Specification:                                                                                                                      |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | NO.                                                                                                                                            | TERMINAL             |          | WIRE                           | Turns          | Winding Direction |
|                                                                                                                  |                                                                                                                       |  |                 | 1                                                                                                                                              | S                    | F        | Hot air line: 0.08 * 80P       | 11Ts           | CCW               |
|                                                                                                                  |                                                                                                                       |  |                 | 四、 ELECTRICAL CHARACTERISTICS:                                                                                                                 |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | TEMPERATURE:25±10 ℃, RELATIVE HUMIDITY:65±20%                                                                                                  |                      |          |                                |                |                   |
|                                                                                                                  |                                                                                                                       |  |                 | NO.                                                                                                                                            | ITEM                 | TERMINAL | SPECIFICATION                  | TEST FREQUENCY | TEST EQUIPMENTS   |
|                                                                                                                  |                                                                                                                       |  |                 | 1                                                                                                                                              | IND.                 | S-F      | 4.5uH ±10% single coil         | 100KHz/1.0V    | LCZ METER 1062B   |
|                                                                                                                  |                                                                                                                       |  |                 | 2                                                                                                                                              | IND.                 | S-F      | 8.0uH ±10% with magnetic sheet | 100KHz/1.0V    | LCZ METER 1062B   |
|                                                                                                                  |                                                                                                                       |  |                 | 3                                                                                                                                              | DCR                  | S-F      | ≤55m Ω                         | 100KHz/1.0V    | LCZ METER 1062B   |
| PREPARED BY/DATE                                                                                                 |                                                                                                                       |  | CHECKED BY/DATE |                                                                                                                                                |                      |          |                                |                |                   |
| He licheng 2025.06.07                                                                                            |                                                                                                                       |  |                 |                                                                                                                                                |                      |          |                                |                |                   |