



Coil antenna

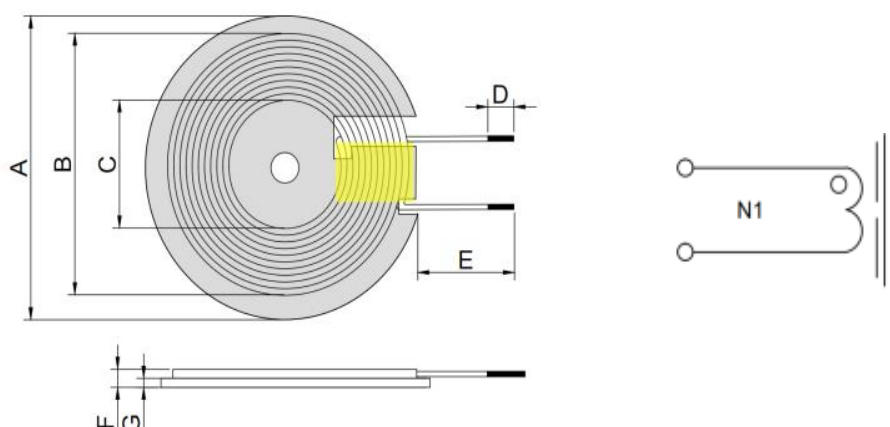


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## SPECIFICATION FOR APPROVAL

|                                                                                     |                   |             |           |      |           |    |
|-------------------------------------------------------------------------------------|-------------------|-------------|-----------|------|-----------|----|
| CUSTOMER                                                                            | CD                | CUST P/N.   |           |      |           |    |
| ITEM                                                                                | TX5005(D20)-6.3uH | Description |           |      |           |    |
| PART NO.                                                                            |                   | DATE        | 2023年6月8日 |      |           |    |
| (1) DIMENSION(UNIT:mm)                                                              |                   |             | A         | 50   | $\pm 1$   | mm |
|  |                   |             | B         | 43   | $\pm 1$   | mm |
|                                                                                     |                   |             | C         | 20.5 | $\pm 1$   | mm |
|                                                                                     |                   |             | D         | 3    | $\pm 1$   | mm |
|                                                                                     |                   |             | E         | 30   | $\pm 2$   | mm |
|                                                                                     |                   |             | F         | 3.0  | Max       | mm |
|                                                                                     |                   |             | G         | 1.0  | $\pm 0.1$ | mm |

**NOTE:** 1.隔磁片贴无槽有孔白色背胶。 2.线圈中间包高温胶纸宽 $8\text{mm} \pm 1\text{mm}$ 。  
3.磁片L开槽开孔 $5.2\text{mm} \pm 0.5\text{mm}$ ，厚度为 $1.0\text{mm} \pm 0.1\text{mm}$ 。

### (2)ELECTRONIC SPECIFICATION: (AT $25^{\circ}\text{C}$ )

1.INDUCTANCE: (测试仪: VR1163 200KHz, 测试条件:100KHz /1.0V)  $L(1-2)=6.3\mu\text{H} \pm 10\%$   
2.DCResistance:( $25^{\circ}\text{C}$ )  $\text{DCR}(1-2)=70\text{m}\Omega$  Max

| NO | NAME          | MATERIAL | SUPPLIER                                                             | UL NO   | CLASS                 |
|----|---------------|----------|----------------------------------------------------------------------|---------|-----------------------|
| 1  | WIRE          | QARSN    | SHENGZHEN JINMA NEW MATERIALS TECHNOLOGY CO., LTD<br>(or equivalent) | E514717 | $130^{\circ}\text{C}$ |
| 2  | Magnetic disk | CP500501 | JINRUI CO., LTD (or equivalent)                                      | N/A     |                       |
| 3  |               |          |                                                                      |         |                       |
| 4  |               |          |                                                                      |         |                       |
| 5  |               |          |                                                                      |         |                       |

| NO | START | FINISH | WIRE                   | COLOR | TURNS  | INDUCTANCE                |  |
|----|-------|--------|------------------------|-------|--------|---------------------------|--|
| N1 | 1     | 2      | 自粘丝包线 $\Phi 0.08$ 105P | N     | 10 REF | $6.3\mu\text{H} \pm 10\%$ |  |
|    |       |        |                        |       |        |                           |  |
|    |       |        |                        |       |        |                           |  |
|    |       |        |                        |       |        |                           |  |