

## SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

A28

FINE P/N:

DESC:

F19.5x27-9Ts-2coil-0.08x105-55mm

DATE:

2022/09/06

Version:

A.0

| PREPARED BY  | CHECKED BY   | APPROVED BY  | CUSTOMER APPROVE |
|--------------|--------------|--------------|------------------|
| HuangYanming | Ning Yuan'an | Huang Jinhua |                  |

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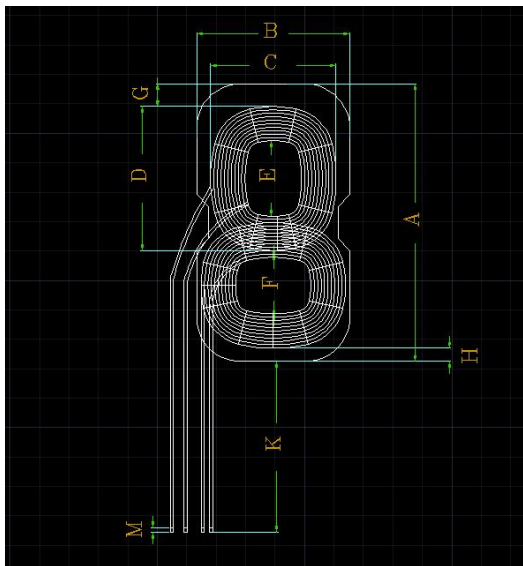
## Version Change History

[illegible]

## SPECIFICATION

|      |                                  |          |           |     |
|------|----------------------------------|----------|-----------|-----|
| DESC | F19.5x27-9Ts-2coil-0.08x105-55mm | Rev: A.0 | CUST:     |     |
|      |                                  |          | Fine P/N: | A28 |
|      |                                  |          | CUST P/N: | A28 |

|                  |  |  |   |          |
|------------------|--|--|---|----------|
| 1.DIMENSION:(mm) |  |  | A | 93.0±1.0 |
|                  |  |  | B | 52.0±1.0 |
|                  |  |  | C | 40.5±1.0 |
|                  |  |  | D | 48±1.0   |
|                  |  |  | E | 29±1.0   |
|                  |  |  | F | 19±1.0   |
|                  |  |  | G | 10±1.0   |
|                  |  |  | H | 2±1.0    |
|                  |  |  | K | 55±2.0   |
|                  |  |  | M | 4±2.0    |
|                  |  |  |   |          |
|                  |  |  |   |          |
|                  |  |  |   |          |

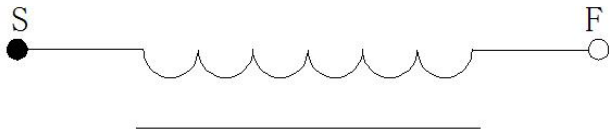


annotation:

1.The size of a single magnetic piece is f46.5 \* 52.0mm, and the thickness is 0.8mm. It is bonded with double-sided adhesive tape, and it is torn by hand;

2.Wrap 8mm wide high-temperature adhesive tape (1-2ts) around the outgoing line of the coil;

Ant gain: 0 dbi

|   |  |  |  |  |
|---|--|--|--|--|
| 2.SCHEMATIC DIAGRAM:  |  |  |  |  |
|  |  |  |  |  |

|                          |          |   |               |       |                   |
|--------------------------|----------|---|---------------|-------|-------------------|
| 3.Winding Specification: |          |   |               |       |                   |
| NO.                      | TERMINAL |   | Wire Diameter | Turns | Winding Direction |
| 1                        | S        | F | 0.08*105P     | 9Ts   | CCW               |
| 2                        | S        | F | 0.08*105P     | 9Ts   | CCW               |

|   |      |          |               |                |                 |
|---|------|----------|---------------|----------------|-----------------|
| 4.ELECTRICAL CHARACTERISTICS:                 |      |          |               |                |                 |
| TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20% |      |          |               |                |                 |
| NO.   | ITEM | TERMINAL | SPECIFICATION | TEST FREQUENCY | TEST EQUIPMENTS |
| 1   | IND. | S-F      | 6.8uH ± 10%   | 100KHz/1.0V    | LCZ METER 1062B |
| 2   | IND. | S-F      | 6.9uH ± 10%   | 100KHz/1.0V    | LCZ METER 1062B |
| 3   | DCR  | S-F      | ≅ 55m Ω       | 100KHz/1.0V    | LCZ METER 1062B |
| 4   | Q    | S-F      | ≥80           | 100KHz/1.0V    | LCZ METER 1062B |

|                        |  |                        |  |
|------------------------|--|------------------------|--|
| PREPARED BY/DATE       |  | CHECKED BY/DATE        |  |
| HuangYanming2022/09/06 |  | Huang Jinhua2022/09/06 |  |

