

Acknowledgement

Customer Name:Shenzhen Xuan Hongda Electronic Technology Co., Ltd

Model: G25 Apple Watch hard magnetic coil

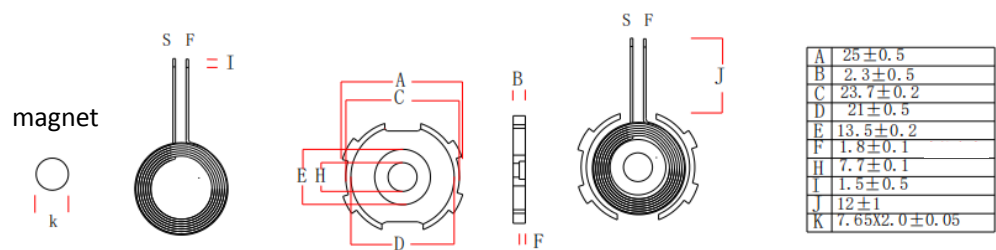
Date:2021/09/03

Vendor:Shenzhen Yizhan Electronics Co., Ltd

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Address: 3rd Floor, Building 1, Hezhou School West Industrial Park, Hangcheng Street, Baoan District, Shenzhen

I 、 Floor plan: Unit: MM



II、Product Parameters:

Foot position	The diameter of the line	Number of laps	Remarks
S -- F	0.08*24P	11	Hot air stranding wire

III、Technical Requirements:

1. Fix the end of the line to prevent the thread from loosening and breaking
2. According to customer requirements, the excessively long wire end is sheared, plated with tin, and the tin plating depth is unified to $1.5\pm 0.5\text{MM}$
3. Point the appropriate white glue on the soft magnetic sheet, paste the coil, and ensure that the surface of the product is clean and tidy during the process
4. The magnetic sheet used is with round hole, no damage
5. Additional process (according to customer requirements): install a 7.65x2.0mm magnet in the middle round hole of the finished product and affix a round double-sided tape with a diameter of 14mm on the back of the finished product, and then package

IV Electrical parameters:

1. Inductance value, Q value:

$$\text{PIN S} - \text{F} = 6.8\mu\text{H} \pm 0.2\mu\text{H}$$

Q value ≥ 35

The above inductance value is based on Quanhua 1062A instrument, with 10KHZ/0.3Vrms as the standard or equivalent instrument.

The Q value is based on Quanhua 1062A instrument, with 100KHZ/0.3Vrms as the standard or equivalent instrument

V. Bill of Materials:

NO.	NAME	Material	vendor	Remarks
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	Hot air stranding wire	0.08X24P		
	Magnetic sheets	G25 PC95 material		
	tin	High temperature and environmental protection		
	White glue	BY882		
	Strong magnetism	7.65*2.0 (Strength greater than 2800GS)		
	Double-sided tape	Φ 14mm		