



深圳市华科诚科技有限公司

ShenZhen HKC Technology Co. Ltd

承认料号:

19.10.003.07897320

Approval P/N

规格描述:

RC-G25-7.8UH-3500GS-7MM

Item Description

版本

A0

Version

Approval	Check	Prepare
核准	审核	RD 确认
Deng Xiangjia 2025.3.29		Lu sheng 2025.3.29

供 应 商 :

供货商料号 :

19.10.003.07897320

Supplier

JIRS

Supplier P/N

制 造 商 :

JIRS

制造商料号 :

19.10.003.07897320

Manufacturer

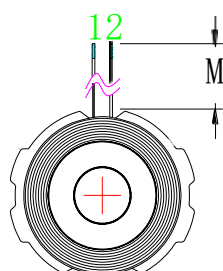
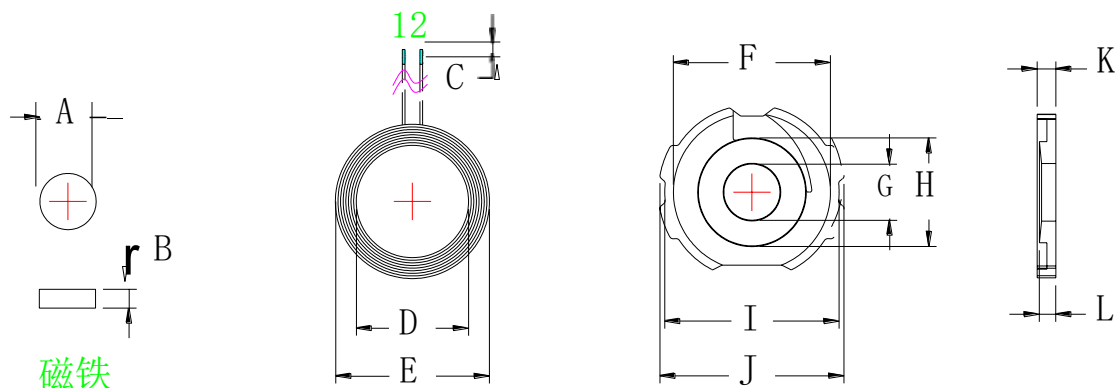
Manufacturer P/N

Room 401, Gongkenglang Industrial Park, Xintian Community, Guanhu Sub-district, Longhua District, Shenzhen City

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表单编号NO. : HKC-QR-QEOP-30-18 A0

## 一、Floor plan: unit: MM



A	7.5±0.1
B	2.3±0.1
C	2.0±1
D	14.0±0.2
E	20.5±0.5
F	21.1±0.2
G	7.5±0.1
H	13.5±0.1
I	23.5±0.2
J	25.0±0.2
K	2.5±0.15
L	2.4±0.1
	Center column height
M	7±1

## 二、Product Parameter:

Foot position	Wire diameter	Number of laps	Note
1 - 2	0.08*24P	14T	Hot air line

## 三、Technical requirement :

1. Fix the thread ends and tails to prevent loose threads and breakage.
2. According to customer requirements to cut off the excessive length of the wire, tin plating, tin plating depth of unity for  $2 \pm 1\text{MM}$
3. Dot the appropriate white glue on the magnetic sheet, paste the coil, the process to ensure that the surface of the product is clean and tidy
4. The soft magnetic sheet used is with round holes and without damage.



5. Additional process (according to customer's request): install 7.5\*2.3MM magnet in the middle hole of the finished product, and put 14\*14MM diameter double-sided adhesive on the back of the finished product, then pack it.

#### 四、 Electrical parameters:

##### 1. Inductance, Q value:

$$\text{PIN } 1 - 2 = 7.8 \pm 0.2 \text{UH}$$

$$\text{Q value: } \geq 25$$

The above inductance and Q values are based on Quan Hua 1062A instrument at 100KHZ/1.0Vrms or equivalent.

#### 五、 Bill of materials:

NO.	Name	Material	Supplier	Note
1	Hot air line	0.08*24P	Veihan or equivalent	
2	Magnetic disk	G25 Soft substrate	Tiantong or equivalent	
3	Tin	High temperature environmental protection	Qiandao or equivalent	
4	White glue	BY882	Bao Yue or equivalent	
5	Magnet	7.5*2.3*3500±100GS	Liansheng or equivalent	
6	Double-sided adhesive	⑦14*14MM (orbicular)	Honghui or equivalent	Additional processes (on request)