

SPECIFICATION SHEET

CUSTOMER: Guangdong Changrong Intelligent Technology Co., Ltd.

Customer Part No. : _____

Our Model No. : G25-2.3-4.0UH-3200GS-20MM

Sample Date: December 18th, 2025

Supplier: Dongguan Yuyao Electronic Technology Co., Ltd.

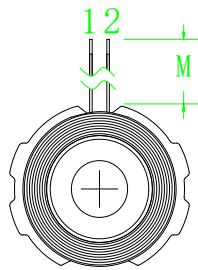
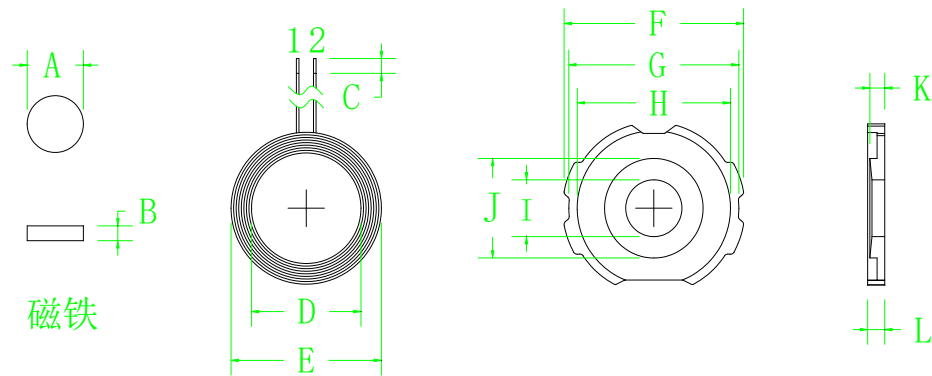
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Dongguan Yuyao Electronic Technology Co., Ltd.

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Customer Name	Customer Part No.	Our Model No.	Version	Date
Changrong		G25-2.3-4.0UH-3200GS-20MM	A0	2025.12.18

1. Plan View Drawing (Unit: MM)



Operation Frequency	300-500KHz
Antenna Type	Loop coil antenna
Antenna gain:	0dBi
We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.	

A	7.5 ± 0.1
B	2.0 ± 0.1
C	2.0 ± 1
D	14 ± 0.2
E	20.5 ± 0.5
F	24.7 ± 0.2
G	23.0 ± 0.2
H	21 ± 0.2
I	7.6 ± 0.1
J	13.5 ± 0.2
K	2.15 ± 0.1 中柱高度
L	2.3 ± 0.15
M	20 ± 1

2. Product Parameters

Pin	Wire Diameter	Turns	Remarks
1-2	$0.08 \times 48P$	9T	Hot-air stranded wire

3. Technical Requirements

1. Secure the lead start and end to prevent loosening or wire breakage.
2. Cut excessively long leads per customer requirement and tin them; the tinning depth shall be uniformly 2 ± 1 MM.
3. Apply an appropriate amount of white glue on the magnetic sheet and attach the coil; the product surface must be kept clean and tidy throughout the process.
4. The hard magnetic sheet used shall have a round hole and be free of damage.
5. Additional process (per customer requirement): Install a 7.5×2.0 MM magnet into the center round hole of the finished product, apply a 14 MM diameter round double-sided adhesive tape on the back of the finished product, then package.

4. Electrical Parameters

1. Inductance & Q Value:

PIN 1 - 2 = $4.0 \mu\text{H} \pm 0.3 \mu\text{H}$

Q Value ≥ 25

The above inductance and Q value are measured with a Quan Hua 1062A instrument at 100 KHZ / 1.0 Vrms as the standard, or an equivalent instrument.

5. Bill of Materials

No.	Name	Material / Spec	Supplier	Remarks
1	Hot-air stranded wire	$0.08 \times 48\text{P}$	Weihaan or equivalent	
2	Magnetic sheet	G25 hard substrate	Tiantong or equivalent	
3	Tin	High-temperature eco-friendly	Qiandao or equivalent	
4	White glue	BY882	Baoyue or equivalent	
5	Magnet	$7.5 \times 2.0 \times 3200 \pm 100 \text{ GS}$		
6	Back adhesive	513-14MM		Round