Product Approval Specification

Specification No.	HG2026052602
Effective Date	

Customer Name	Shenzhen Yitianyuan Electronic Technology Co., Ltd.
Product Type	QI2 Coil
Honggui Part No.	42.5*0.6 Double Grooves with Hole L=8MM
Customer Part No.	

【 √New Version Issued   ☐Version Revision】【 This specification includes a total of 2 pages (including table of contents) 】【 RoHS Compliant Parts 】

Compiled by	Reviewed by	Approved by
Peng Jianji		

Anfu Honggui Electronic Co., Ltd.

Building 2, New Energy Industrial Park, North Yangmeiling Area, Zhouhu Town, Anfu County, Ji'an City, Jiangxi Province；Contact: Peng Jianji   Phone: 13907060771

Note: The customer shall sign and return this approval document within one week after receipt.
If no reply is received within the time limit, mass production will be implemented in accordance with the standards of this approval document.

【Customer Approval】 Date:

Approval Status: □Fully Approved   □Conditionally Approved   □Rejected

Approved by	Reviewed by	Re-inspected by	Inspected by

Remark:

Product Specification

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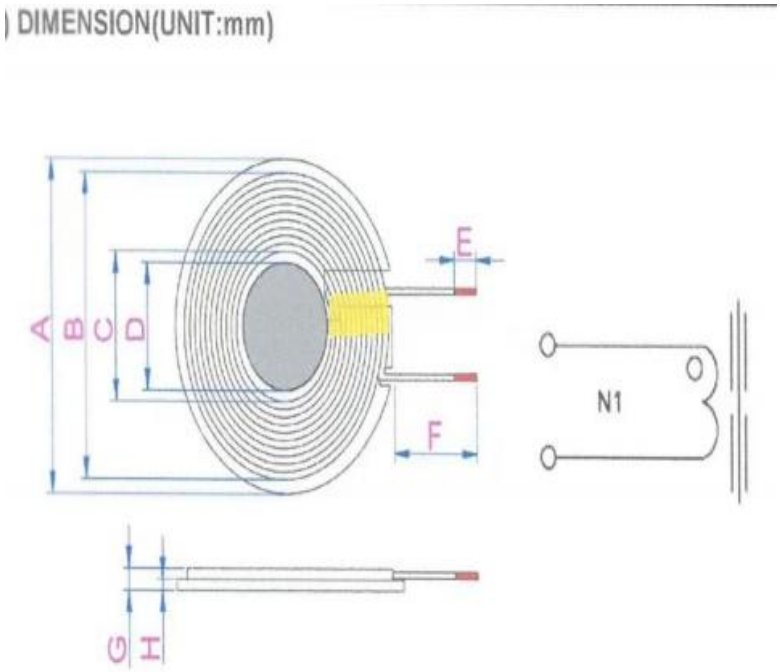
Honggui Part No.	42.5*0.6 Double Grooves with Hole	Specification No.	HG2026052602	Version	01

♦Dimensions



(Unit: mm)

A	42.5 ±0.5
B	40.0 ±1.5
C	20.5 ±0.5
D	20.0 ±0.5
E	3.0 ±1
F	8.0 ±2
G	0.6 ±0.1
H	1.9 ±0.1

- Wire Diameter: 0.08*80P Hot Air Self-adhesive Copper Wire
- Winding Turns: 11 TS
- Lead Wire Crossing: Yes

- Coil Wrapped with 5mm Width High Temperature Tape
- Coil and Magnetic Sheet Must Be Centered When Bonded
- A circular sheet with diameter 20MM and thickness 1.0MM is pasted in the middle of the coil

Parameters	Specifications	Test Conditions	Test Equipment
L0	8 ±0.3 μH	100KHz/ 1V	TH1816B
Q	>50 min	100KHz/ 1V	TH1816B
DCR	<70 mΩ	@25℃	CH-502BC
Operating Temperature:	-40℃ ~ 125℃		
Material List:			

No.	Product Name	Material Specification	Supplier	Remarks
1	Magnetic Sheet	20*1.0 Circular Sheet	PC95 Manganese Zinc	
2	Magnetic Sheet	42.5*0.6 Double Grooves with Hole	PC95 Manganese Zinc	
3	Copper Wire	0.08*80P Hot Air Self-adhesive Copper Wire	-	
3	High Temperature Tape	5MM	Eco-friendly Tape	
4	Solder	High-temperature Solder Bar DB	Qiandao Eco-friendly Solder	
5	Glue	White Glue	Eco-friendly Glue	

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