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Longhua New District, Shenzhen

**JinXuan Electronics (Hong Kong) Company
Limited**

Customer/Cient	
Name/TYPE	Wireless charging transmitter coil
Product model	G43.5*0.8, double-groove perforated reverse adhesive tape, 46mm long.
Product Number	Part numbering system
Customer part number	Cient p/NO 190-0363-0-000
Project Number	
Date	January 13, 2026

Our Engineering Department (For Engineers Only)	
Modified content / Revised Cintent	Approved Date
	

Prepared	Review/Checked	Approved
Wan Jimei	Wan Jimei	Liu Chengzhao

Customer Approved Signature/Authorized Signature Company Chop		
Engineering Approval	QC Approval	Approved Date

I. Coil Manufacturing Process

NO	winding	Line gauge	Number of turns	winding direction	remarks
1	N1	2UEW-B-0.08*105P	11TS	CCW	
2					

II. Electrical Performance/FEATURES:

1. Test conditions: 25°C, 65%RH@100KHz/1V

1.1 Inductance

1.12 L0A (coil + magnet) = 6.7uH ± 5%

1.2 Q value = 77MIN

1.3 DC Resistance (DCR): 40 mÿ ±5%

1.4 Operating Temperature: -25ÿ to 85ÿ

2. Test instrument: Tonghui **TH2830LCR**

3. List of Materials

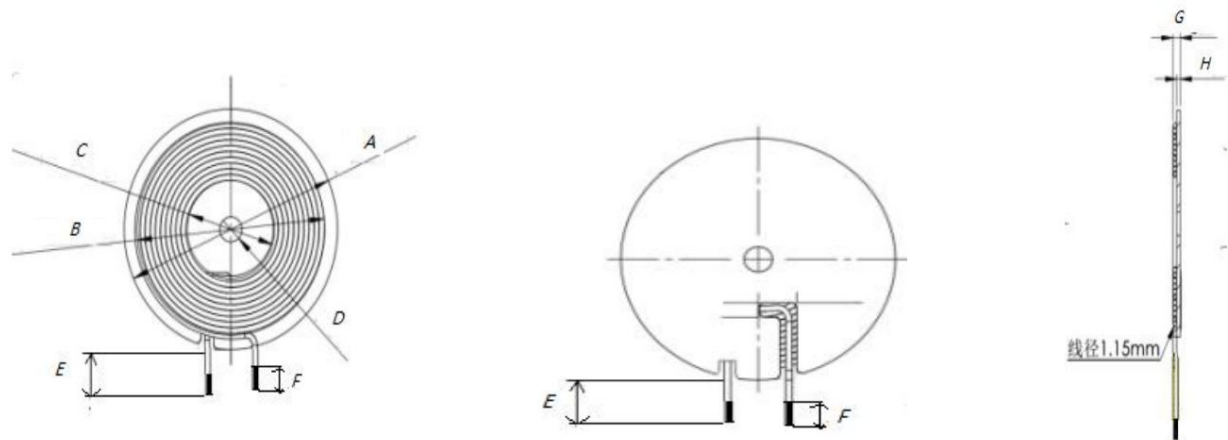
NO	project	Material
1	WIRE	ÿ0.08*105p 2UEW-
2	FERRITE	43.5*5.3*0.8 L-shaped double-groove porous ferrite hard magnetic reverse adhesive
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island Pure Tin
6	High temperature adhesive	Apply 8mm high-temperature adhesive tape
7		
8		

III. Circuit Diagram / CIRCUIT DIAGRAM



Unit: MM

IV. Outline Drawing / OUTSIDE DIAGRA



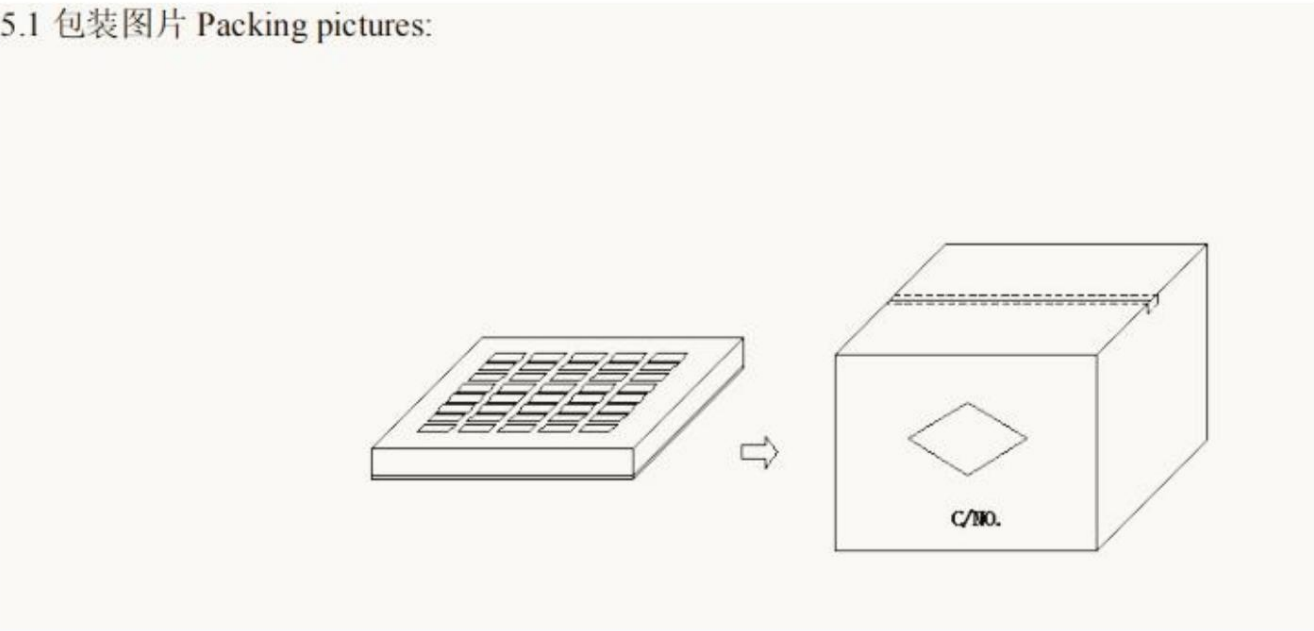
Standard A	B	C	D	E	F	G	
STD	43.5±0.5	40.5±1 17.5±0.3 5.3±0.5		46±2	3±1	2.2±0.3	

Unit: MM

Operation Frequency	100-300KHz
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.	

V. Packaging

5.1 包装图片 Packing pictures:



5.2 包装数量及规格 Packing Quantity:

项目 Item	数量 Quantity	材料规格 Material
盒 Box	350 Pcs	345*330*50 mm
箱 Big Carton	1750 Pcs	360*340*280 mm

5.3 Packaging will be based on existing packaging trays, and the actual packaging shipped will prevail. Customization is available for special requirements.

The packaging shall be based on the exustingpacking plate and the actual delivery package shall prevail. If there is anyrequirement, we can customize it.

VI. Storage and Use Conditions

6.1 Storage conditions

6.1.1 Recommended storage conditions: Temperature -25℃ to 85℃, Humidity 70% (Max.)

Recommended keeping conditions: -25℃ ~85℃, 70%RH (Max.)

6.1.2 Shelf life: within six months from the date of production.

Storage life: Within the limits of six months from being produced.

6.2 Use condition

Usage restrictions: Temperature = -25℃ ~ 85℃, Humidity ≤ 90%

Use condition limit: T=-25℃~85℃, RH≤ 90%.