

Shenzhen Tuocheng Dafang Electronic Technology Co., Ltd.

Building B, Yiquan Industrial Park, No. 436, Fuqian Road, Guanlan Street, Longhua New District,
Shenzhen City

Cient Fujitec

TYPE Wireless charging transmitting coil


Model NO G43.5*1 double-slot with hole reverse adhesive outer wire length 32MM / inner wire
length 37MM

Identification of product Part numbering systey

Customer Material Number Cient p/NO

Enginrer NO mc80a 190-0379-0-000

Date May 28, 2025

For Enginer Departner Only	
Rvised Cintent	APProved Date
	

Prepared

Wan Jimei

Checked

Wan Jimei

Approved

Liu Chengzhao

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Authorized Signaturure Company Chop		
Enginrer	QC APProved	APProved

一、 Winding Procese:

NO	winding	guage	number of turns	direction of winding	Note
1	N1	2UEW-B-0.08*105P	11TS	CCW	

二. FEATURES:

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

1.1 Inductance

1.2 L0A(Coil + Magnetic Plate)=6.5uH±5%

1.3 Q value=70MIN

1.4 DCR: 40mΩ MAX

1.5 Operating Temperature: -25°C~85°C

2. Test instrument: L: Chuangda 1068+1310; DCR:502BC; SIZE:Callipers

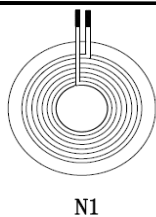
3. bill of materials

NO	Item	materials
1	WIRE	φ 0.08*72p 2UEW-
2	FERRITE	43.5 * 5.3 * 1.0 L-shaped double-slot ferrite hard magnetic back adhesive with holes
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Kanji Tsubaki Pure Tin
6	High temperature adhesive	Apply 8MM heat-resistant adhesive tape

三. CIRCUIT DIAGRAM

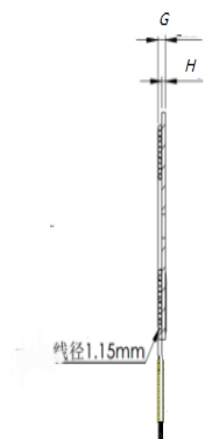
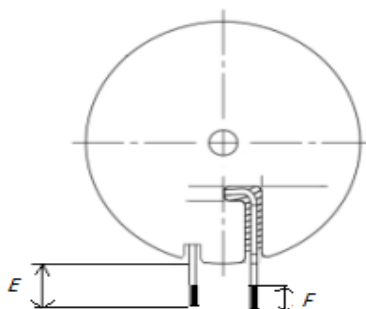
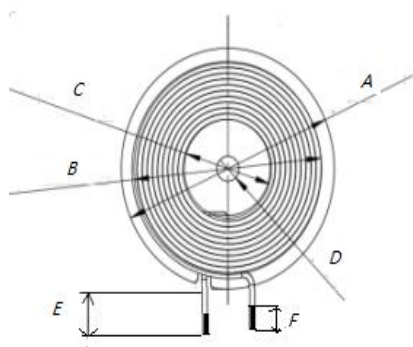
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Unit: MM

四. OUTSIDE DIAGRA



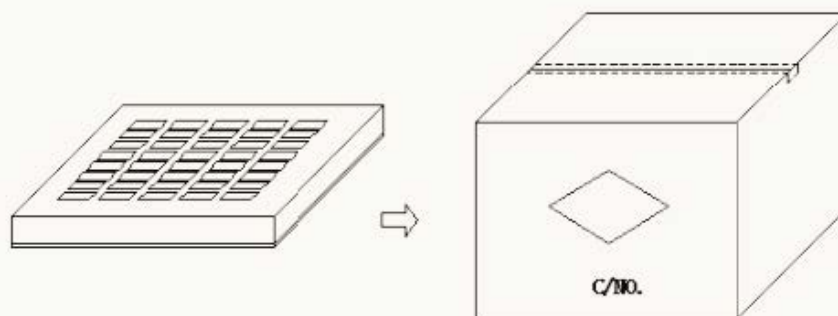
Note: E: Outbound method Outer line: 32MM in length; Inner line: 37MM in length

	A	B	C	D	E	F	G	
STD	43.5±0.5	40±1	16±0.3	5.3±0.5	±2	3±1	2.3±0.3	

Unit: MM

五. PACKAGE

5.1 Packing pictures:



5.2 Packing Quantity:

Item	Quantity	Material
Box	350 Pcs	345*330*50 mm
Big Carton	1750 Pcs	360*340*280 mm

5.3 The packaging shall be based on the existing packing plate and the actual delivery package shall prevail .If there is any requirement,we can customize it

六、 Storage and Use condition

6.1 Storage condition

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

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

6.2 Use condition

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