

Shenzhen Taichengda Fang Electronic Technology Co., Ltd.

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

Client

Fujitec

TYPE

Apple Watch transmitting coil

Model NO

PG010 Hard Magnetic Coil - Double Sides Adhesive / Magnet / S-Class
/ 7.5*2.3 - 3400GS

Item NO

Part numbering systey

Client p/NO

Model PG010

Enginrer NO

190-0382-0-000

Date

May 28, 2025

For Enginer Departner Only	
Revised Content	APProved Date
	

Prepared

Huang wu

Checked

Liu xiaoxiao

Approved

Wu runlong

Authorixed Signaturure Company Chop		
Enginrer	QC APProved	APProved

一、 Winding Process:

NO	winding	guage	number of windings	direction of winding	Note
1	N1	2UEW-B-0.08*28P	12TS	CCW	
2					

二、 FEATURES:

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

1.1 Inductance

1.12 L0A(Coil + Magnetic Plate)=7.5uH±5%

1.2 Q value=35MIN±5%

1.3 DCR: 90mΩ±5%

1.4 Operating Temperature: -25°C~85°C

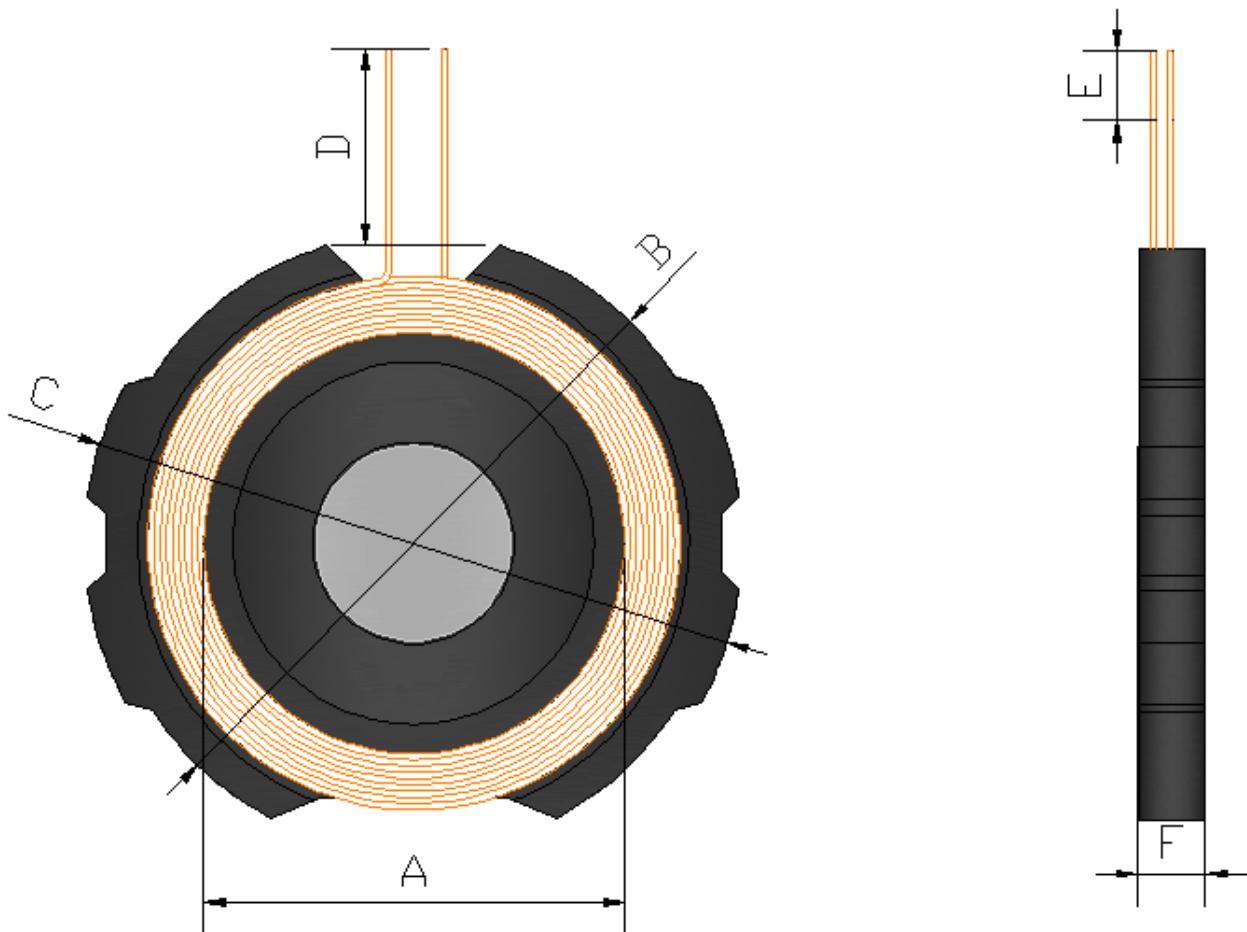
2. Test instrument: **Equalizing power bridge TH2830LCR**

3. bill of materials

NO	Item	materials
1	WIRE	¢ 0.08*28p 2UEW-
2	FERRITE	24.6 outer diameter * 7.8 holes * 2.3 thickness - cylindrical ferrite hard magnet
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Kanjiro Pure Tin
6	High temperature adhesive	

Unit: MM

三. OUTSIDE DIAGRAM



Note: The back of the magnetic sheet is coated with double-sided adhesive. The middle hole is designed to accommodate a 7.5mm outer diameter * 2.3mm thick - 3400 gauss magnet of S-grade.

standard	A	B	C	D	E	F		
STD	13.5±0.2	23±0.3	24.6±0.2	15±2	3±1	2.5±0.3		

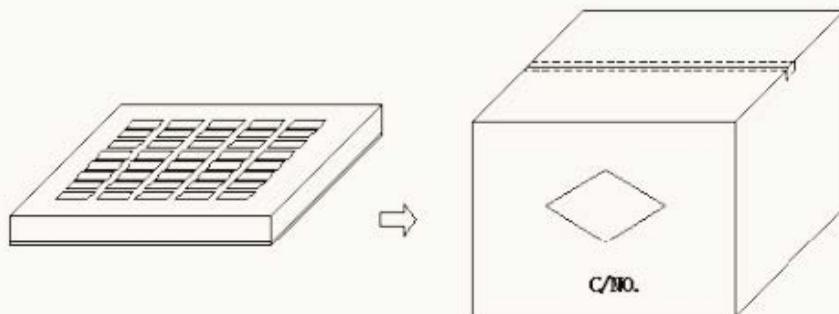
Unit: MM

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四、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.*

五、Storage and Use condition

5.1 Storage condition

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

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

5.2 Use condition

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