

# Shenzhen Taichengda Fang Electronic Technology Co., Ltd.

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

Ciient                      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

Cient p/NO                      Model PG010

Enginrer NO                      190-0382-0-000

Date                              May 28, 2025

For Enginer Departner Only	
Rvised Cintent	APProved Date
	

Prepared

Huang wu

Checked

**Liu xiaoxiao**

Approved

Wu runlong

Authorized Signaturure Company Chop		
Enginrer	QC APProved	APProved

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## 一、 Winding Procese:

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

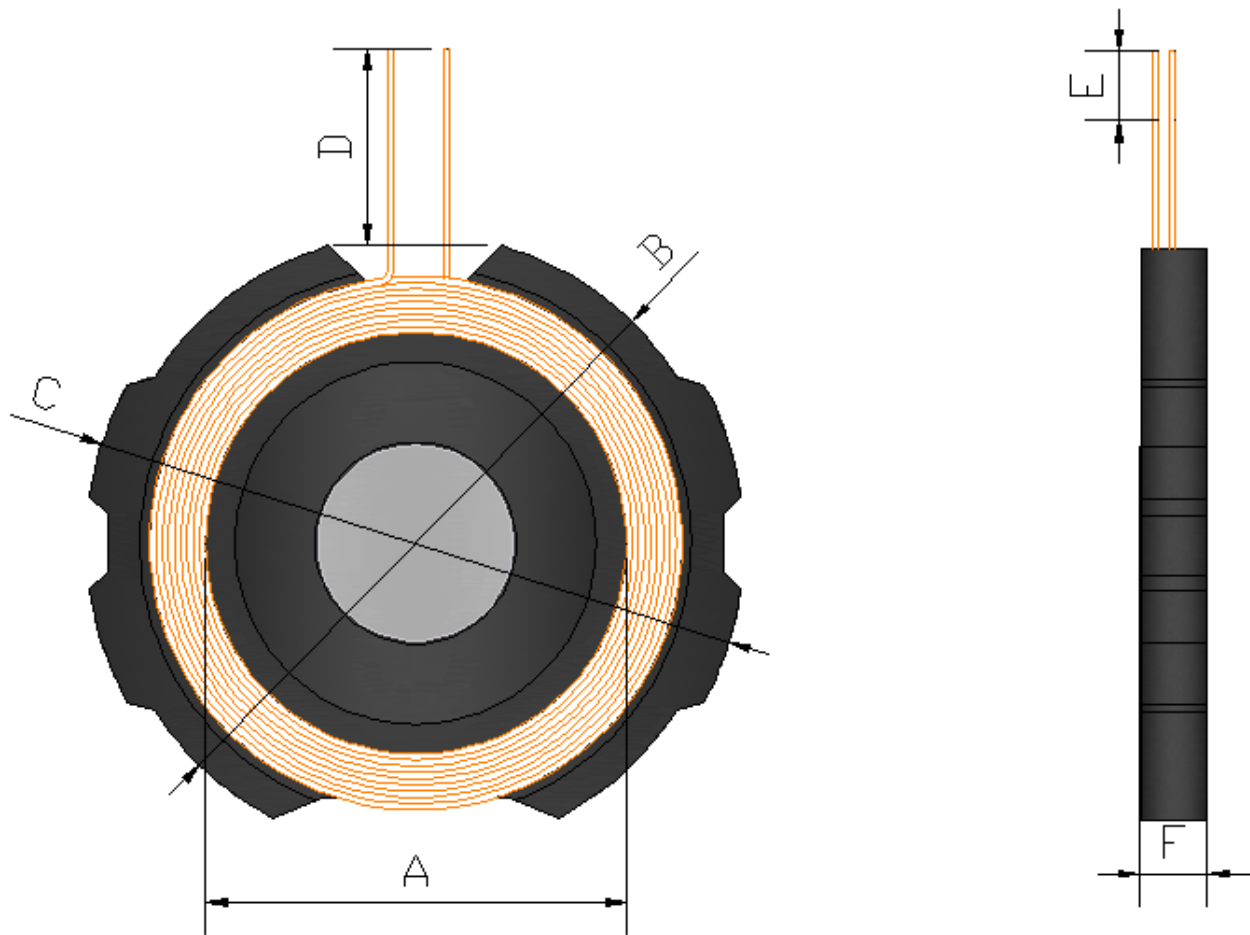
NO	Item	materials
1	WIRE	φ 0.08*28p 2UEW-
2	FERRITE	24.6 outer diameter * 7.8 holes * 2.3 thickness - cylindrical ferrite hard magnet
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Kanjiro Pure Tin
6	High temperature adhesive	

Unit: MM

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三. OUTSIDE DIAGRA



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.

stan dard	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		

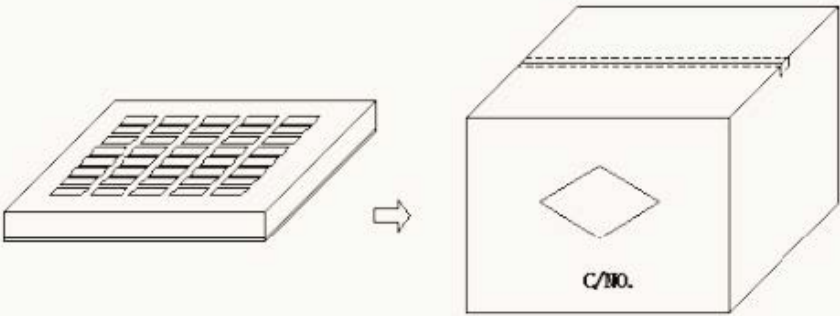
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四、PACKAGE

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 exusting 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:  $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ , 70%RH (Max.)

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

### 5.2 Use condition

Use condition limit:  $T=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ,  $\text{RH} \leq 90\%$ .