

Dongguan Dexinda Electronic Technology Co., LTD

Address: 2nd Floor, 5th Floor, No. 191, Tai 'an Road, Weizhen, Zhangmutou Town, Dongguan City

客户/Client	Prowess Technology Limited
名称/TYPE	Wireless charging coil
产品型号	G43.5 magnetic sheet with holes, double-slot adhesive, wire length 20mm, 0.08*24*2P*11TS, 6.3UH
Model NO	
产品编号	DXD20250407001
Part numbering systey	
客户料号	A.03.04.0049
Client p/NO	
工程编号	
Enginrer NO	P2025040001
日期/Date	2025-4-07

本公司工程部/For Enginer Departner Only	
修改内容/Rvised Content	认可日期/APPproved Date

编制/Prepared	审核/Checked	认可/Approved
饶志鹏	谢良	许艳

客户认可回签/Authorixed Signaturure Company Chop		
工程/ Enginrer	认可/QC APPproved	认可日期/APPproved

一、 线圈工艺/Winding Procese:

NO	winding	wire gauge	number of turns	direction of winding	remark
1	N1	2UEW-B-0.08*24*2P	11TS	CCW	
2					

two Electrical performance /FEATURES:
1. Test conditions: 25 ° C,65%RH@100KHz/1V
1.1 Inductance
1.11LOA (single coil) =3.8uH±20%
1.12LOA (coil + magnetic sheet)=6.3uH±10%
1.2 Q value =35 minutes
1.3 DC resistance (DCR) : 105mΩ MAX
1.4 Operating Temperature: -25℃ to 85℃
2. Test instrument: L: Chuangda 1068+1310; DCR:502BC; SIZE:Callipers
3. List of materials

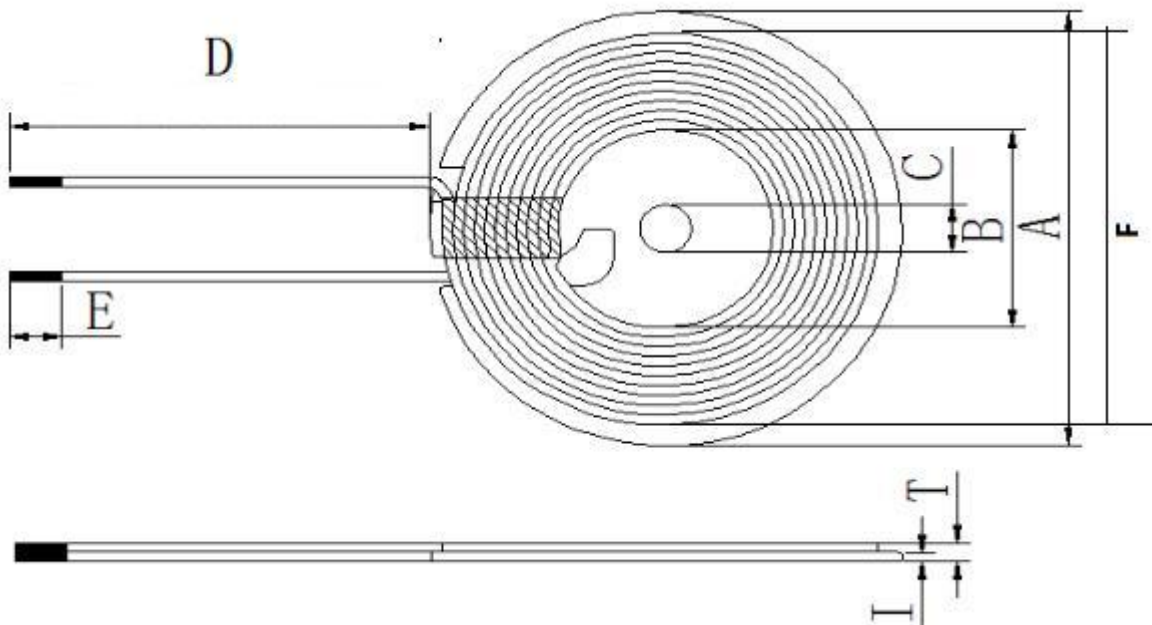
NO	project	materials
1	WIRE	φ 0.08*24*2P 2UEW
2	FERRITE	43.5*5.3*0.8 L Double-slot ferrite hard magnetic
3	GLUE	white glues
4	SOLDER	QIAN DAO 107H
5	Adhesive	double-sided adhesive、
6	High temperature adhesive	7MM high-temperature tape
8		

三 . 参考图/CIRCUIT DIAGRAM



单位： MM

四 . 外形图/OUTSIDE DIAGRA



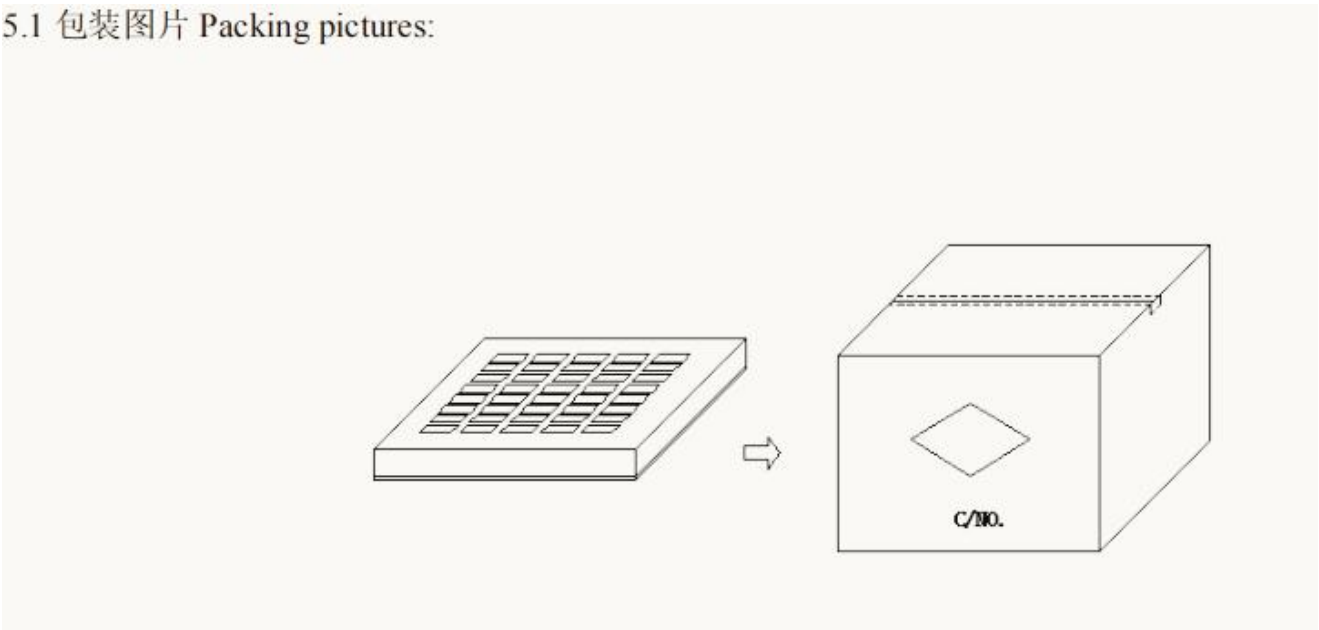
Note: Wrap 7MM (ref) high-temperature adhesive tape around the wire outlet position of the coil.
The thickness does not include the wire binding position!

	A	B	C	D	E	F	I	T
STD	43.5±1	16±0.5	5.3±1	20±2	2-5	37±1	0.8±0.1	1.8Max

单位： MM

五 . 包装/PACKAGE

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	600 Pcs	345*330*50 mm
箱 Big Carton	2400 Pcs	360*340*280 mm

5.3 包装以现有包装盘为参照标准，以实际出货包装为准，如有特需要求可以定制。

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.

六、贮存和使用条件 Storage and Use condition

6.1 贮存条件 Storage condition

6.1.1 建议贮存条件：温度 $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ，湿度 70% (Max.)

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

6.1.2 贮存期限：自生产之日起六个月内

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

6.2 使用条件 Use condition

使用条件限制：温度 $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ，湿度 $\leq 90\%$

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