

客户/Ciient

Shenzhen Swetz Sound Technology Co.,Ltd

名称/TYPE

Q12-MPPWireless charging transmission coil

产品型号

G42.5*0.5The single-slot hole-free front and back adhesive reverse black film line is long41MM/8.3UH

产品编号

客户料号

PD066

日期/Date

2025 年 2 月 25 日

本公司工程部/For Enginrer Departner Only	
修改内容/Rvised Cintent	认可日期/APProved Date

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

一、线圈工艺/Winding Procese:

NO	Winding	Wire gauge	Number of turns	Winding direction	备注
1	N1	2UEW-B-0.08*56P	11TS	CCW	
2					

二. Electrical performance/FEATURES:

1.测试条件 (Test conditions) : 25°C,65%RH@100KHz/1V

1.1 电感量 (Inductance)

1.12 L0A(Coil + magnetic sheet)=8.3uH±5%

1.2 Q value=80MIN

1.3 直流电阻 (DCR) : 60mΩ MAX

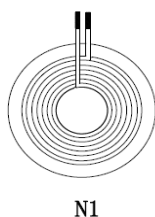
1.4 工作温度(Operating Temperature): -25°C~85°C

2.测试仪器(Test instrument): L:创达 1068+1310;**DCR**:502BC;**SIZE**:Callipers

3.材料清单

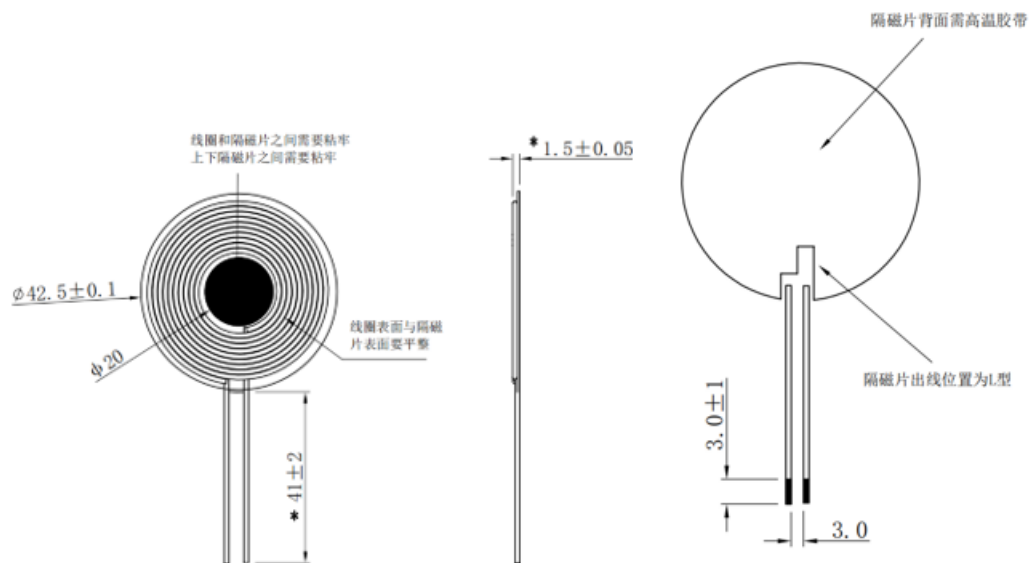
N O	项目	材料
1	WIRE	φ 0.08*56p 2UEW-
2	FERRITE	G42.5*0.5The single-slot hole-free front and back adhesive reverse black film line is long41MM/8.3UH
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	It can be pure tin
6	High temperature adhesive	3MM High-temperature tape
7		
8		

三. 电路图/CIRCUIT DIAGRAM



Unit: MM

四. 外形图/OUTSIDE DIAGRA



注：线圈出线位置缠绕 3MM (ref) 高温胶纸， 正背胶反黑膜

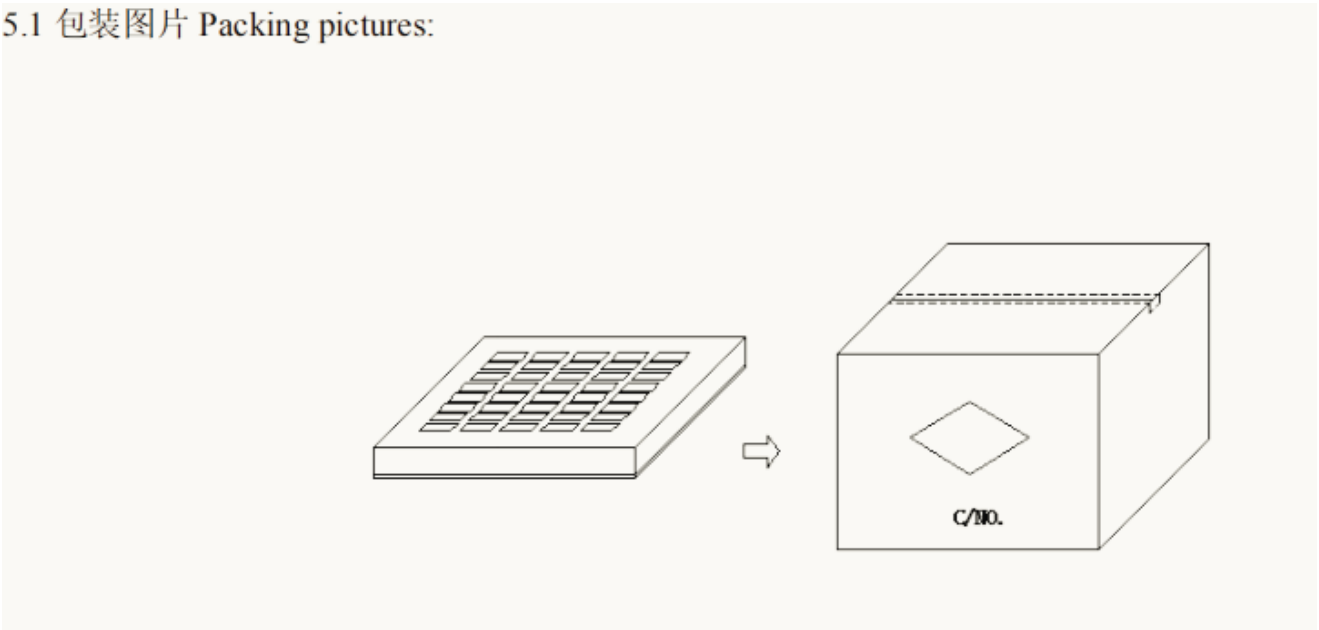
Note: Wrap 3MM (ref) high-temperature adhesive tape around the coil lead-out position, with black film on the front and back

线圈中间加中柱(Add a central column in the middle of the coil): 20*0.8MM

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	350 Pcs	345*330*50 mm
箱 Big Carton	1750 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，如有特殊要求可定制。

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