

东莞市德欣达电子科技有限公司
Dongguan Dexinda Electronic Technology Co.,Ltd
东莞市樟木头镇圩镇社区泰安路 191 号
No. 191, Tai 'an Road, Wei Town Community, Zhangmuou Town, Dongguan City

客户/Clientshenzhen I-Link TechnologyCo.. Ltd.

名称/TYPE无线充线圈 /Wireless charging coil

产品型号

Model NOG41.5 磁片单槽背胶线长 28MM 0.08*105P*11TS 6.3UH/
G41.5 single slot adhesive wire length 28MM 0.08*105P*11TS 6.3UH

产品编号DXD2023102101

Part nunbering systey

客户料号D.040.18

Client p/NO

工程编号

Enginrer NORAO 2310001

日期/Date2023-10-21

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

编制/PreparedRAO

审核/Checked谢良

认可/Approved

客户认可回签/Authorixed Signaturure Company Chop

工程/ Enginrer	认可/QC APProved	认可日期/APProved
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一、 线圈工艺/Winding Procese:

NO	绕组/coil	线规/guage	匝数 number of turns	绕线方向 direction of winding	备注 /remark
1	N1	2UEW-B-0.08*105	11TS	CCW	
2					

二 . 电气性能/FEATURES:

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

1.1 电感量 (Inductance)

1.11 L0A (单独线圈/Individual coil) =3.8uH±20%

1.12 L0A(线圈+磁片/Coil + diskette)=6.3uH±10%

1.2 Q 值/Q value=65MIN

1.3 直流电阻 (DCR) : 55mΩ 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/bill of materials

NO	项目/project	材料/materials
1	WIRE	φ 0.08*105 2UEW
2	FERRITE	41.5*0.8 L 双槽 铁氧体硬磁 41.5* 0.8L double slot ferrite hard magnetic
3	GLUE	白胶/white glues

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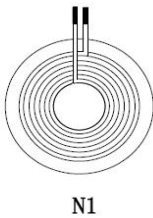
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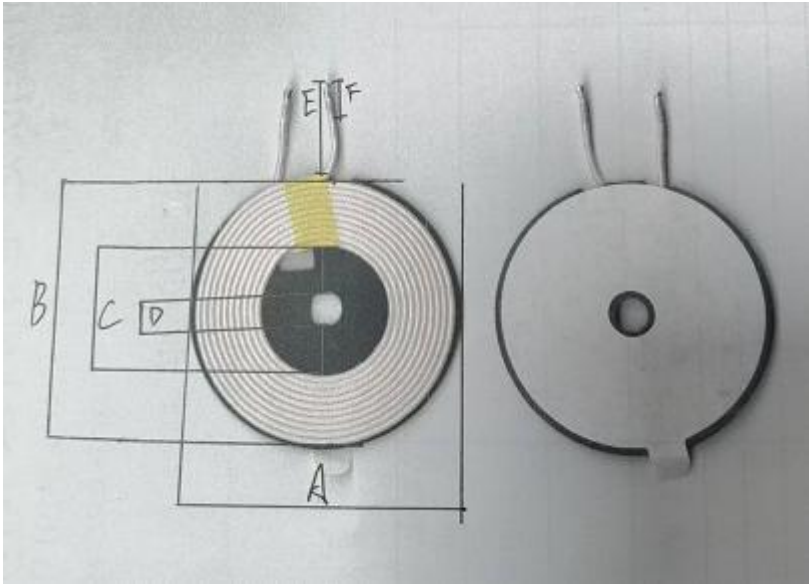
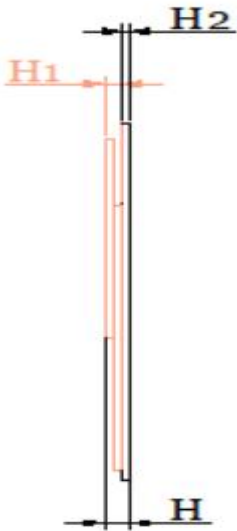
4	SOLDER	XCD-907B
5	Adhesive	双面背胶 /double-sided adhesive
6	High temperature adhesive	7MM 高温胶带/7MM high temperature tape
7		
8		

三 . 电路图/CIRCUIT DIAGRAM



单位/unit : MM

四 . 外形图/OUTSIDE DIAGRA



标准 /standard	A	B	C	D	E	F	H	H1	H2	
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STD	41.5MAX	40±1	16±1	5±0.5	28±2	2-5	2.8MAX	1.4MAX	1.2MAX	
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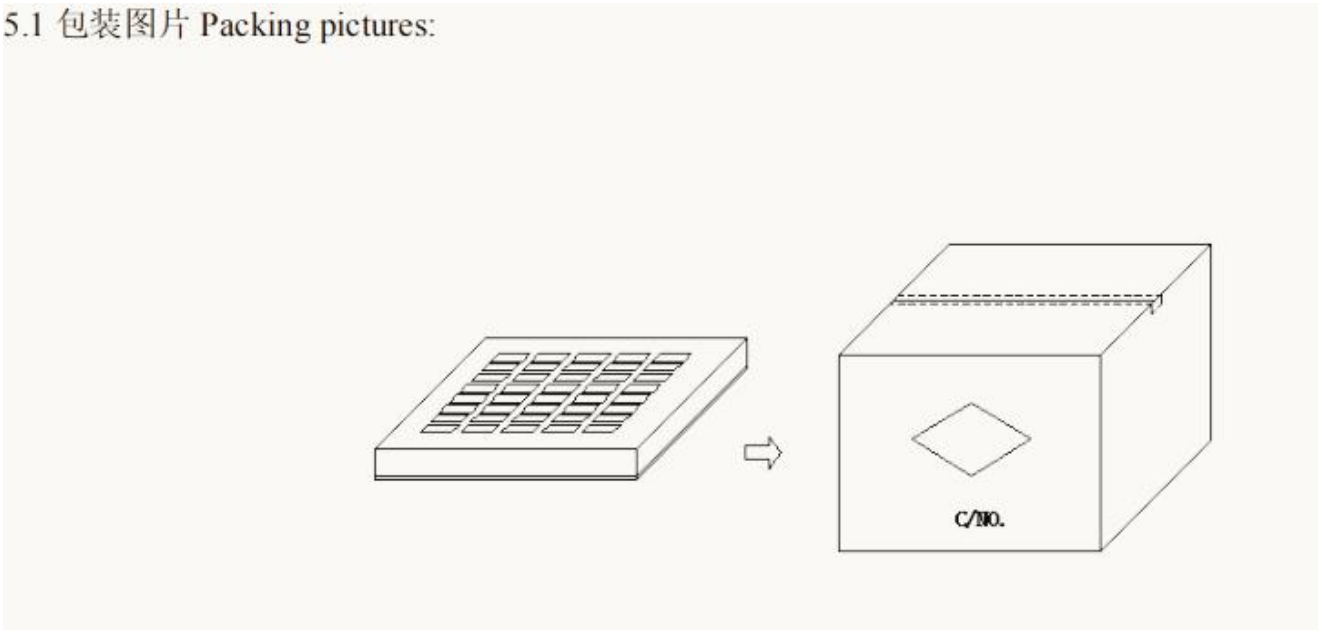
注：线圈出线位置缠绕 7MM (ref) 高温胶纸

Wrap 7MM (ref) high-temperature adhesive paper around the coil outlet position

单位/unit： 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	1400 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，如有特要求可以定制。

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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.

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