

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/Client shenzhen I-Link TechnologyCo.. Ltd.

名称/TYPE 无线充线圈 /Wireless charging coil

产品型号

Model NO G41.5 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 NO RAO 2310001

日期/Date 2023-10-21

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

编制/Prepared 审核/Checked 认可/Approved

RAO 谢良

客户认可回签/Authorixed Signaturure Company Chop

工程/ Enginerer	认可/QC APProved	认可日期/APProved
---------------	----------------	---------------

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

东莞市德欣达电子科技有限公司

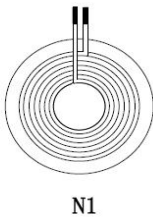
Dongguan Dexinda Electronic Technology Co.,Ltd

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

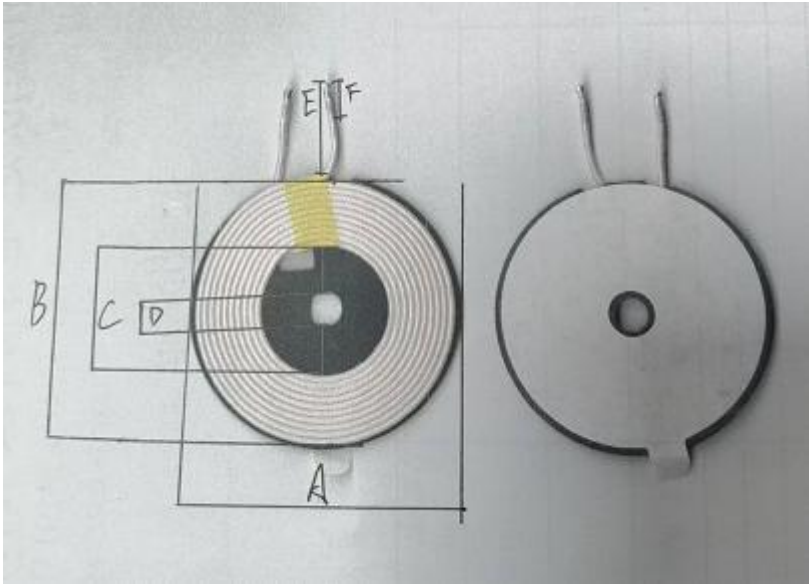
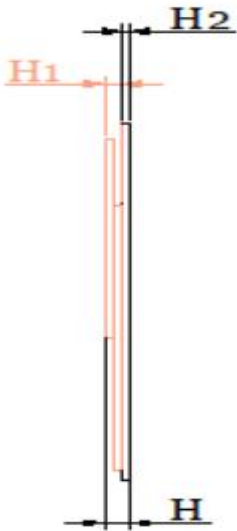
4	SOLDER	XCD-907B
5	Adhesive	双面背胶 /double-sided adhesive
6	High temperature adhesive	7MM 高温胶带/7MM high temperature tape
7		
8		

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	
-----------------	---	---	---	---	---	---	---	----	----	--

STD	41.5MAX	40±1	16±1	5±0.5	28±2	2-5	2.8MAX	1.4MAX	1.2MAX	
-----	---------	------	------	-------	------	-----	--------	--------	--------	--

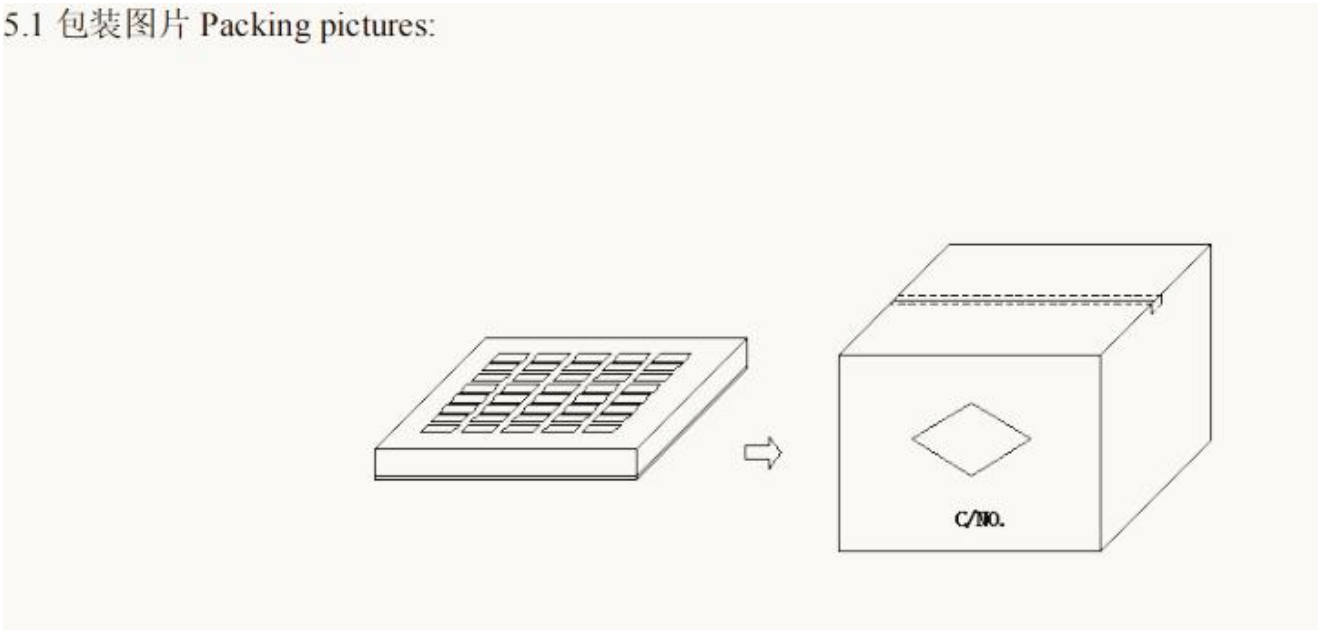
注：线圈出线位置缠绕 7MM (ref) 高温胶纸

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。

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

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.

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

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