

东莞市德欣达电子科技有限公司

Dongguan Dexinda Electronic Technology Co.,Ltd

客户/Client Shenzhen I-Link Technology Co.,Ltd

名称/TYPE SW47 手机线圈/SW47 Mobile phone coil

产品型号

Model NO G43.5 single slot adhesive wire length 160MM0.08*105P*10TS6.3UH

产品编号 DXD 2024080001

Part numbering systey

客户料号 D.040.21

Client p/NO

工程编号

Enginrer NO RAO 202408001

日期/Date 2024-8-26

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

RAO

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

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一、线圈工艺/Winding Procese:

NO	winding	guage	number of turns	direction of winding	Remark
1	N1	2UEW-B-0.08*105	10TS	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=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

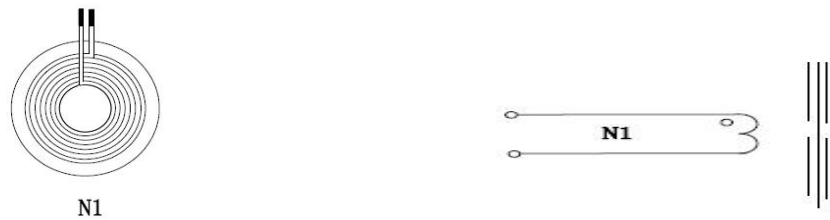
3.材料清单/bill of materials

NO	项目/project	材料/materials
1	WIRE	φ 0.08*105 2UEW
2	FERRITE	43.5*0.8 L Double slot ferrite hard magnetic
3	GLUE	白胶/white glues
4	SOLDER	XCD-907B
5	Adhesive	双面背胶/double-sided adhesive
6	High temperature adhesive	7MM high temperature tape
7		
8		

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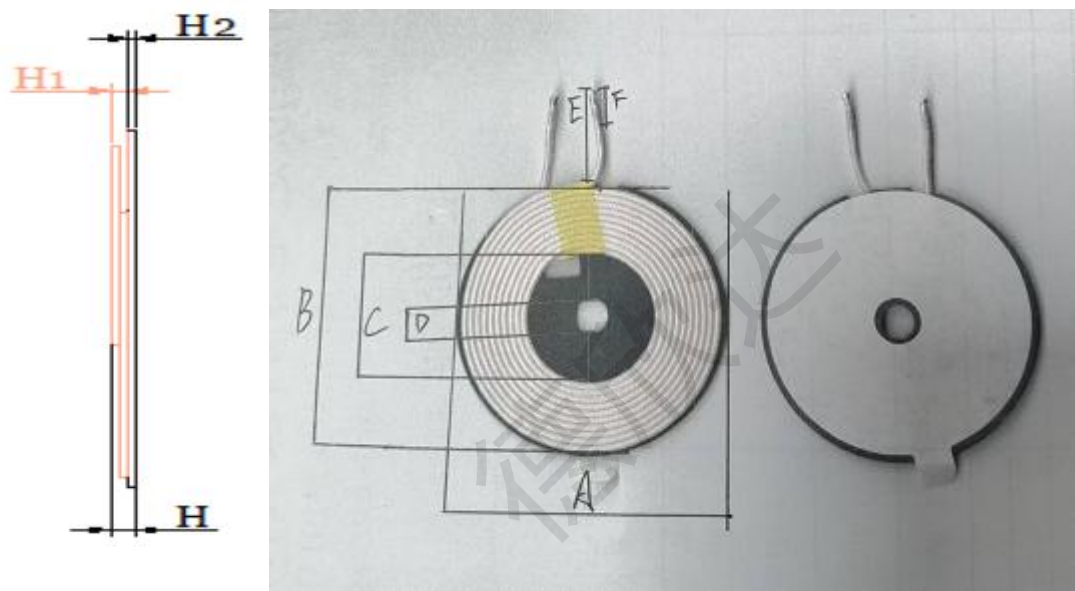
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三 . 电路图/CIRCUIT DIAGRAM



单位： MM

四 . 外形图/OUTSIDE DIAGRA



标准	A	B	C	D	E	F	H	H1	H2	
STD	43.5±1	42±1	20.5±1	5±0.5	160±3	2-5	2.65MAX	1.4MAX	1.0MAX	

注：线圈出线位置缠绕 7MM (ref) 高温胶纸
Note: Wrap 7MM (ref) high temperature adhesive paper around coil outlet position

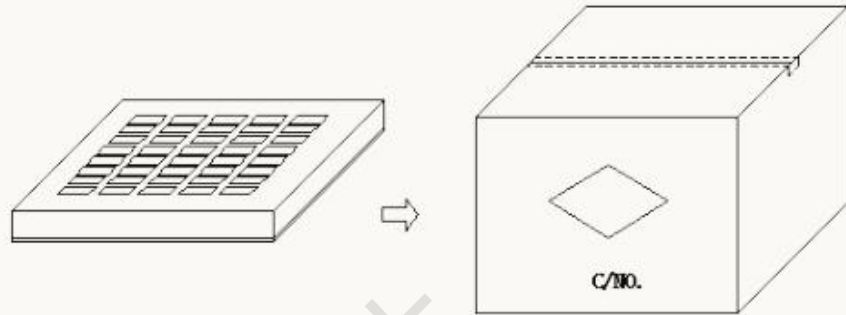
单位/unit
： MM

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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，如有特新要求可以定制。

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.

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