

深圳市瑞通干业科技有限公司

Client

Type A11 wireless charger coil

Model NO G41.5*0.6 double slot with holes,

reverse adhesive wire length 43mm

Product NO Part numbering systey

Client NO Client p/NO

Project NO

Enginrer NO

Date Aug.15th,2024

For Enginer Departner Only

Rrvised Cintent

APProved Date

Prepared

Checked

APProved

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QC APProved

APProved

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1. Winding Process:

NO	Winding	Wire gauge	Number of turns	Winding direction	Remark
1	N1	2UEW-B-0.08*24*2P	10TS	CCW	
2					

2. FEATURES:

1. Test conditions : 25°C, 65%RH@100KHz/1V

1.1 Inductance

1.11 L0A (coil) = 3.8uH±5%

1.12 L0A(coil+magnetic)=6.5uH±5%

1.2 Q=45MIN

1.3 DCR : 60mΩ MAX

1.4 Operating Temperature : -25°C~85°C

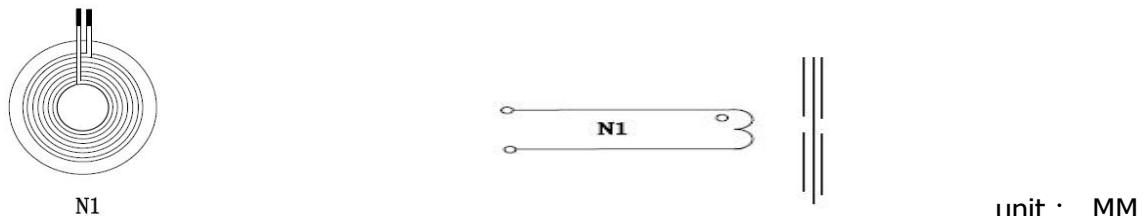
2. Test instrument :

L:Chuangda 1068+1310; DCR:502BC; SIZE:Callipers

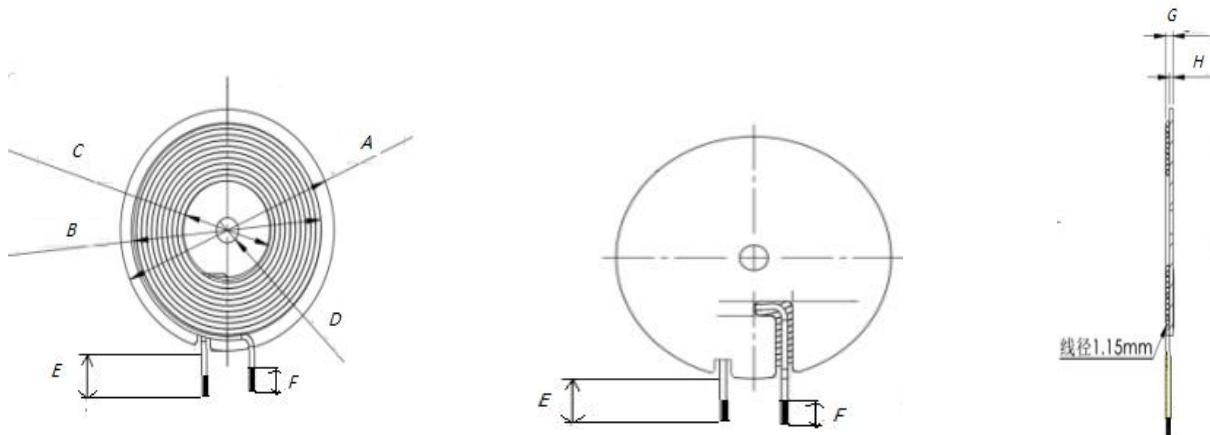
3. Material listing

NO	Project	Material
1	WIRE	Φ 0.08*24*2p 2UEW-
2	FERRITE	41.5*5*0.6 L-shaped double slot, perforated ferrite hard magnetic reverse adhesive
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Qiandao Pure Tin
6	High temperature adhesive	8MM High temperature adhesive
7		
8		

3 . CIRCUIT DIAGRAM



4 . OUTSIDE DIAGRAM



Note: The outlet of the coil is wrapped with 5MM (ref) high temperature adhesive tape, and the back of the magnetic sheet is pasted with double-sided adhesive.

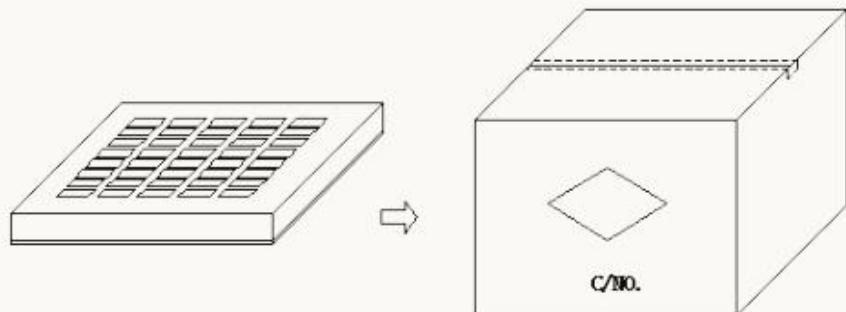
Standard	A	B	C	D	E	F	G	
STD	41.5 ± 0.5	39 ± 0.5	20.5 ± 0.2	5 ± 0.2	43 ± 2	3 ± 1	1.6 ± 0.2	

unit : MM

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5 . 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 *The packaging shall be based on the existing packing plate and the actual delivery package shall prevail .If there is any requirement, we can customize it.*

6、Storage and Use condition

6.1 Storage condition

Recommended keeping conditions: -25°C ~85°C, 70%RH (Max.)

6.1.2 Storage life

Within the limits of six months from being produced.

6.2 Use condition

Use condition limit: T=-25°C~85°C, RH≤ 90%.