

Customer/Ciient

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Name/TYPE

Wireless charging transmitter coil

Product model

Model NO

G43.5*5.3*0.6 double-slot anti-SMJ21 adhesive backing wire length 40MM/6.5UH

identification of product

Part numbering systey

Customer Part No.

Cient p/NO

Engineer NO

ZXW02

Date

March 24, 2026

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

编制/Prepared

审核/Checked

认可/Approved

Wan Jimei

Wan Jimei

Liu Chengzhao

客户认可回签/Authorixed Signaturure Company Chop		
Engineering / Enginrer	认可/QC APPproved	Date of Approval/APPproved

一、线圈工艺/Winding Procese:

NO	winding	Wire gauge	Circle number	winding direction	Note:
1	N1	2UEW-B-0.08*24*2P	10TS	CCW	
2					

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twoFEATURES::

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

1.1 电感量（Inductance）

1.12 L0A (coil + disk) = 6.5uH±5%

1.2 Q value = 38 MIN

1.3 DC Resistance (DCR): 85mΩ MAX

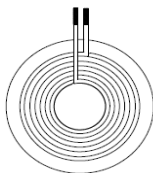
1.4 工作温度(Operating Temperature): -25℃~85℃

2.测试仪器(Test instrument):同惠 TH2830

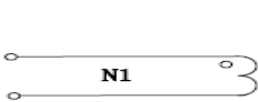
3. List of materials

N O	project	Materials
1	WIRE	φ 0.08*56p 2UEW-
2	FERRITE	43.5*5.3*0.6 L-type double groove porous ferrite hard magnet
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Islands Pure Tin
6	High temperature adhesive	5MM high temperature tape
7		
8		

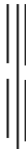
three. CIRCUIT DIAGRAM



N1



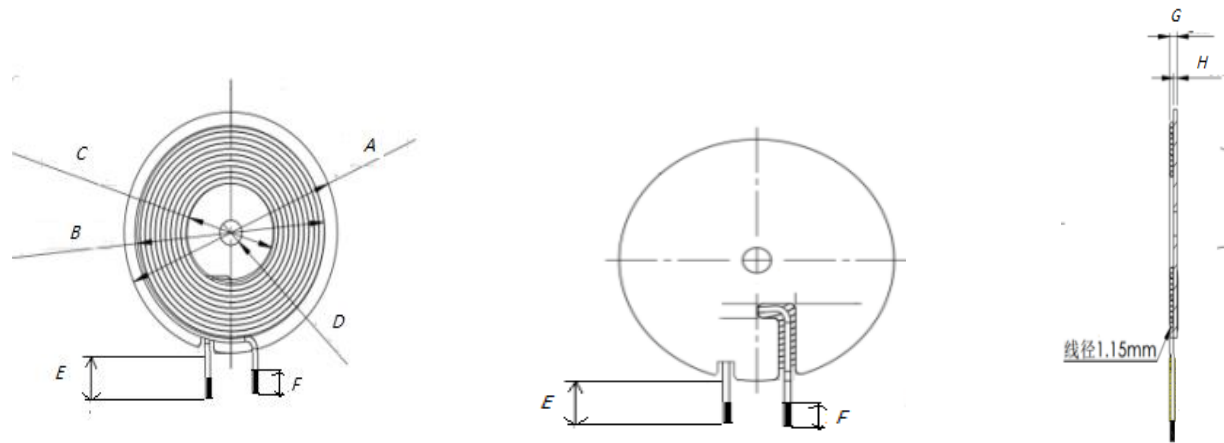
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Unit: MM

四. 外形图/OUTSIDE DIAGRA

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Standard	A	B	C	D	E	F	G	
STD	43.5 ± 0.5	39 ± 0.5	20.5 ± 0.3	5.2 ± 0.2	40 ± 2	3 ± 1	1.5 ± 0.2	

Unit: MM