

客户/Ciient

名称/TYPE

A11-6.3UH ultra-thin wireless charging and transmitting coil

产品型号

Model NO

Single coil G43.5 * 0.8 double groove with holes 20 long adhesive backing

产品编号

product number

Part numbering systey

客户料号

Cient p/NO

工程编号

Enginrer NO

日期/Date

2023.12.22

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

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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

一、 线圈工艺/Winding Procese:

NO	winding	wire gauge	number of turns	winding direction	notes
1	N1	2UEW-B-0.08*105	12TS	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 (Individual coil) =3.8uH±20%

1.12 L0A(Coil+Magnetic Disc)=6.5uH±10%

1.2 Q price=50MIN

1.3 直流电阻 (DCR) : 60mΩ MAX

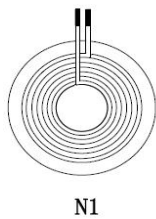
1.4 工作温度(Operating Temperature): -25°C~85°C

2.测试仪器(Test instrument): **L:**创达 1068+1310;**DCR:**502BC;**SIZE:**Callipers

3.材料清单(Bill of Material)

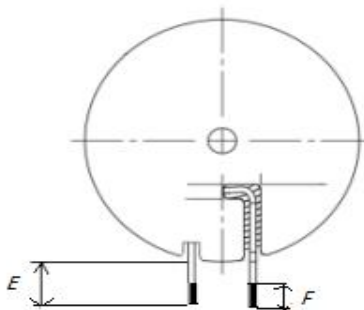
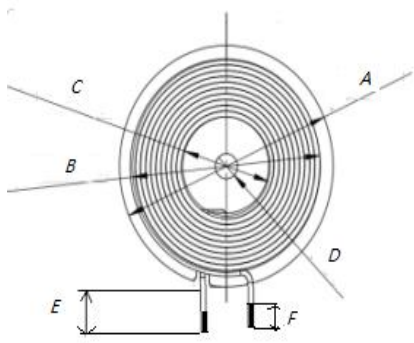
NO	Project	materials
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	43.5 * 5.3 * 0.8 L-shaped double slot perforated ferrite hard magnetic back double-sided tape
3	GLUE	Water based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island Pure Tin
6	High temperature adhesive	8MM high-temperature adhesive tape
7		
8		

三. 电路图/CIRCUIT DIAGRAM



Unit: MM

四. 外形图/OUTSIDE DIAGRA



Note: Wrap 8MM (ref) high-temperature adhesive tape around the coil outlet position, and apply double-sided adhesive tape on the back of the magnetic sheet.

	A	B	C	D	E	F	G	
STD	43.5±0.5	39.5±0.5	13.9±0.3	5.3±0.5	20±2	3±1	2.2±0.3	

unit: MM