

Company: Shenzhen Shengguang Electronic Technology Co.,LTD

Address: Floor 401, Factory No. 1165, Guanhua Community, Guanlan Street,
Longhua District, Shenzhen, China

客户/Client

名称/TYPE

Magnetic sheet 42.5 * 5.3 * 0.8; Enamel wire 0.08 * 24p * 2 without backing adhesive
or high-temperature adhesive paper, L=12MM

产品型号

Model NO

SG-A1142.5-6.5UH

产品编号

SG-A1142.5-012-002

Part numbering systey

客户料号

3.08.3A1010120

Client p/NO

工程编号

Enginrer NO

TQE 1800510003

日期/Date

2023-10-23

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

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工程/ Enginrer	认可/QC APProved	认可日期/APProved

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一、 线圈工艺/Winding Procese:

NO	winding	wire gauge	number of turns	winding direction	notes
1	N1	2UEW-B-0.08*24P*2	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 (Individual coil) =3.8uH±20%

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

1.2 Q price=35MIN

1.3 直流电阻 (DCR) : 85mΩ MAX

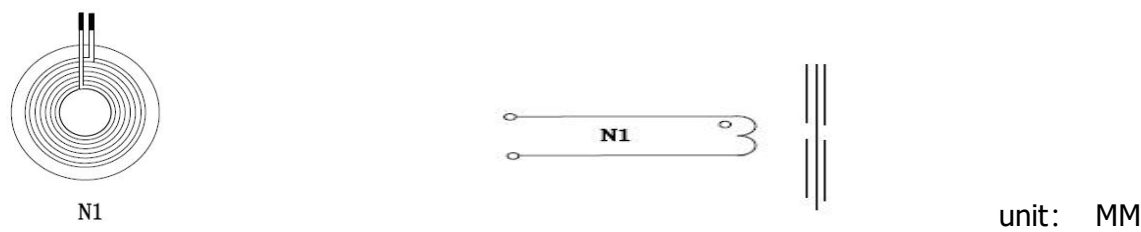
1.4 工作温度(Operating Temperature): -25°C~85°C

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

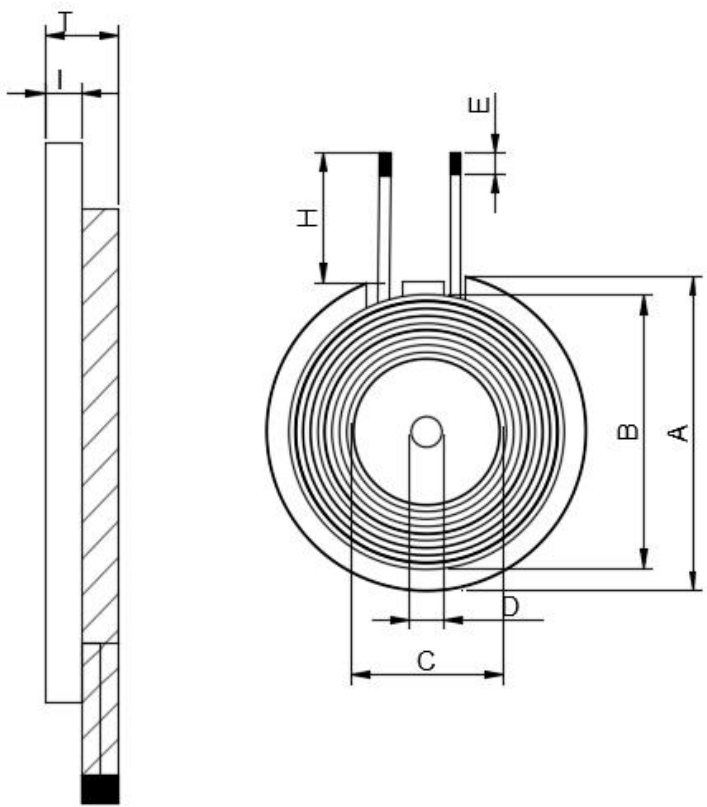
3.材料清单

NO	project	material
1	WIRE	φ 0.08*24p*2 2UEW
2	FERRITE	42.5*5.3*0.8 L Double slot ferrite hard magnet
3	GLUE	White glue
4	SOLDER	XCD-907B
5	Adhesive	/
6	High temperature adhesive	/

三. 电路图/CIRCUIT DIAGRAM



四. 外形图/OUTSIDE DIAGRA



标准	A	B	C	D	E	I	T	H
STD	42.5±0.5	40.0±1.5	16±0.5	5.3±0.5	2±0.5	40±0.15	1.7Max	12±2

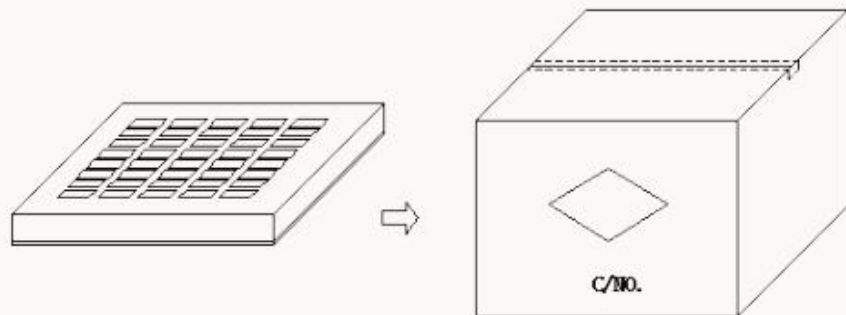
unit: MM

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