



Shenzhen Shengguang Electronic Technology Co.,LTD

Factory 401, No. 1165, Guantang Road, Guihua Community, Guanlan Street, Longhua District, Shenzhen

Client

Shenzhen Lufeng Technology Development Co., Ltd.

Address

1101, Block B, Building 6, Building 1, Kaisa Central Plaza Phase I, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen

TYPE

A11-50-1.0 Wire length 30MM-0.08-105p -6.3H 2.0 Thickness hardness 38 Double-sided adhesive fireproof material sponge

Model NO

20.5*42*0.08*105*10ts-30MM-6.3uH-2.0HM

Product code

SG-A11-050-2.0HM

Part numbering systey

Customer part number

11.11.01101

Client p/NO

Project number

Enginrer NO

TQE 003

Date

2024/12/17

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



一、线圈工艺/Winding Procese:

NO	winding	Wire gauge	turns ratio	winding direction	Remark
1	N1	2UEW-B-0.08*105P	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) =3.8uH±20%

1.12 L0A(线圈+磁片)=6.3uH±10%

1.13 Q 值=70MIN

1.2 直流电阻 (DCR) : 45mΩ MAX

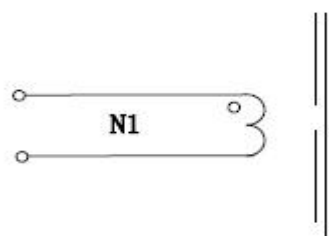
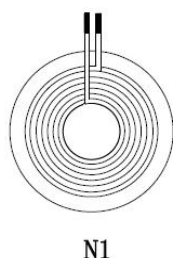
1.3 工作温度(Operating Temperature): -25°C~85°C

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

3.材料清单Bill of materials

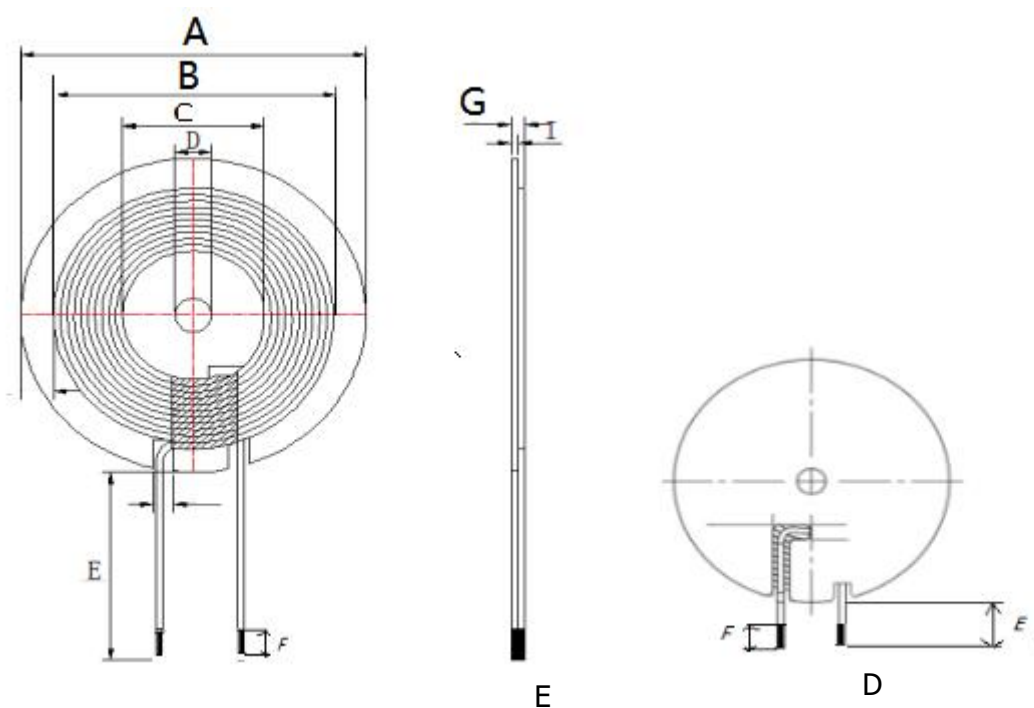
NO	Project	Material
1	WIRE	φ 0.08*105p 2UEW-1.15mm
2	FERRITE	50*5.3*1.0 L-shaped groove Ferrite hard magnet
3	GLUE	white glue
4	SOLDER	XCD-907B
5	Adhesive	2.0 Hardness 38 fireproof double-sided adhesive
6	High temperature adhesive	8MM High temperature tape

三. 电路图/CIRCUIT DIAGRAM



单位: MM

四. 外形图/OUTSIDE DIAGRAM



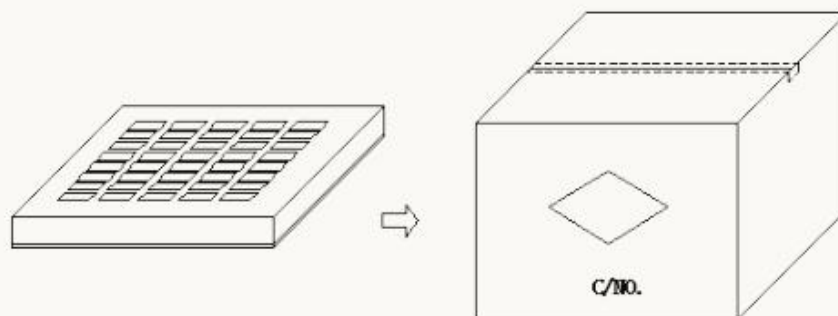
Note: The coil lead-out position is wrapped with 8MM (ref) high-temperature adhesive tape

标准	A	B	C	D	E	F	G	I
STD	50±1.0	42.5±1	20.5±1	5.3±0.5	30±2	2-5	4.8Max	1.0±0.1

unit: MM

五. 包装/PACKONG

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