



Shenzhen Shenguang Electronic Technology Co.,LTD

Add: No. 1165, Guangsheng Road, Guanlan Subdistrict, Longhua District, Shenzhen City

Client Shenzhen ShuoYu Technology Co., Ltd.

TYPE A11-43.5 Single coil Adhesive line length 50MM

Model NO SG-A1143.5-6.5UH-050

Part numbering systey

Client p/NO DZQT00069A0

Enginrer NO TQE 1800510003

Date June 14, 2024

For Enginer Departner Only	
Rrvised Content	APPproved Date

Prepared

XieYanQi

Checked

DuanJiaWang

Approved

XieXiaoZai

Authorixed Signaturure Company Chop

Enginrer

QC APPproved

APPproved



一、 Winding Process:

NO	winding	guage	number of windings	direction of winding	Note
1	N1	2UEW-B-0.08*105P	10TS	CCW	
2					

二. FEATURES:

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

1.1 Inductance

1.11 L0A (Single coil) = 3.8uH±20%

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

1.2 Q value=70MIN

1.3 DCR: 55mΩ MAX

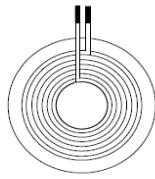
1.4 Operating Temperature: -25°C~85°C

2. Test instrument: **L**: Chuangda1068+1310; **DCR**: 502BC; **SIZE**: Callipers

3. List of Materials

NO	Item	Materials
1	WIRE	¢ 0.08*105P 2UEW
2	FERRITE	43.5 * 5.3 * 0.8 L double-slot ferrite hard magnet
3	GLUE	white glues
4	SOLDER	XCD-907B
5	Adhesive	double-sided adhesive
6	High temperature adhesive	6MM (Ref) High Temperature Adhesive Tape
7		

三. CIRCUIT DIAGRAM

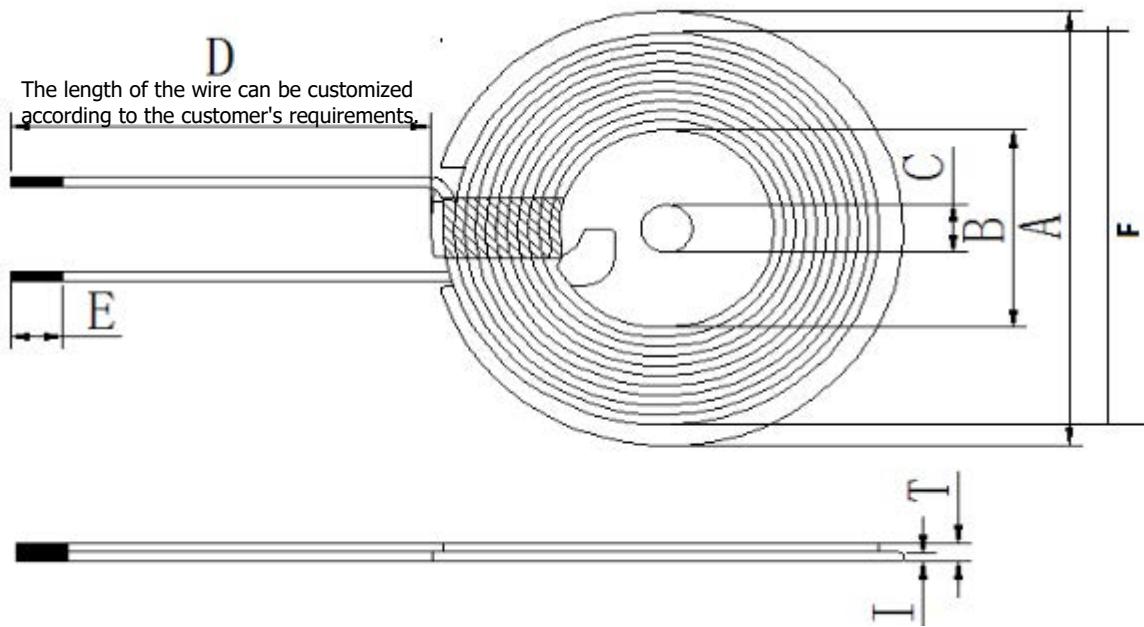


N1



Unit: MM

四. OUTSIDE DIAGRAM



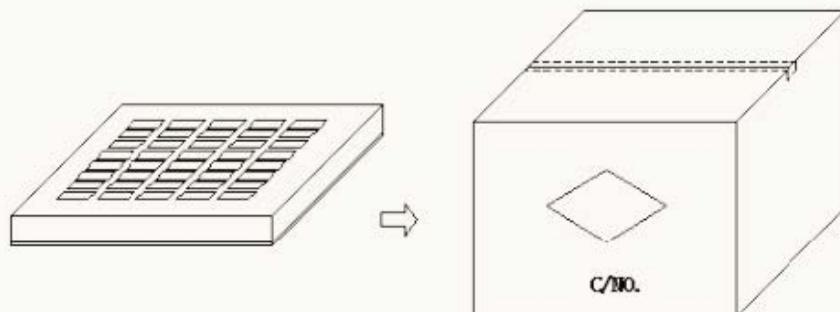
Note: The outlet position of the coil is wrapped with 6MM (ref) heat-resistant adhesive tape.

	A	B	C	D	E	F	I	T
STD	43.5±0.5	20.5±1.2	5.3±0.5	50±2	2-5	42±1.2	0.8±0.1	2.6Max

Unit: MM

五. PACKAGE

5. Packing pictures:



5.2 Packing Quantity:

Item	Quantity	Material
Box	350 Pcs	345*330*50 mm
Big Carton	1400 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



Shenzhen Shenguang Electronic Technology Co.,LTD

Add: No. 1165, Guangsheng Road, Guanlan Subdistrict, Longhua District, Shenzhen City

六、Storage and Use condition

6.1 Storage condition

6.1.1 Recommended keeping conditions: $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, 70%RH (Max.)

6.1.2 Storage life : Within the limits of six months from being produced.

6.2 Use condition

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