

Cient

TYPE G45*5.3*1.0 single coil adhesive wire length 40MM

Model NO SG-A1145-6.3UH

Part numbering systey

Cient p/NO

Enginrer NO TQE 1800510003

Date 2023-12-21

Shenzhen Huimaoyuan Electronic Technology Co. , Ltd.

Address: Building 2, Upper Row Runteng Fourth Industrial Zone, No. 5 Jintai Road, Longteng Community, Shiyan Street, Bao'an District, Shenzhen

For Enginer Departner Only	
Rvised Cintent	APProved Date

Prepared

Checked

Approved

Xie Yanqi

Duan Jiawang

Xie Xiaozai

Authorized Signaturure Company Chop		
Enginrer	QC APProved	APProved

一、 Winding Procese:

NO	winding	guage	Turns	direction of winding	remark
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 (Individual coil) = $3.8\mu\text{H}\pm 20\%$

1.12 L0A(Coil + diskette)= $6.3\mu\text{H}\pm 10\%$

1.13 Q value =70MIN

1.2 direct current resistance (DCR) : $50\text{m}\Omega$ MAX

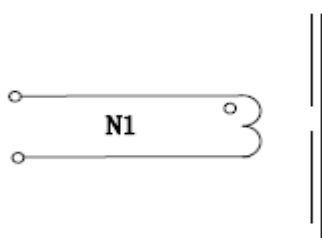
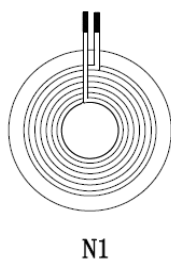
1.3 operating temperature (Operating Temperature): -25°C
~ 85°C

2. Test instrument: L:1068+1310;DCR:502BC;SIZE:Callipers

3. bill of materials

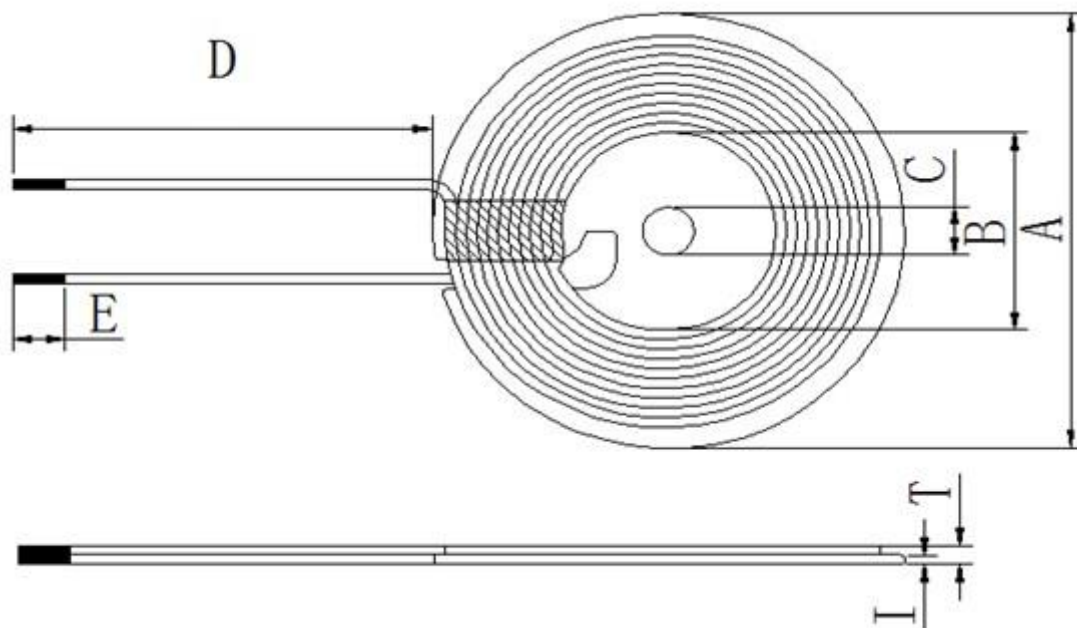
N O	proje ct	materials	
1	WIRE	$\phi 0.08*105\text{p}$ 2UEW-1.15mm	
2	FERR ITE	45*5.3*1.0 Single slot ferrite hard magnetic	
3	GLUE	white glues	
4	SOLD ER	XCD-907B	
5	Adhe sive	double-sided adhesive	

三. CIRCUIT DIAGRAM



unit: MM

四. OUTSIDE DIAGRAM



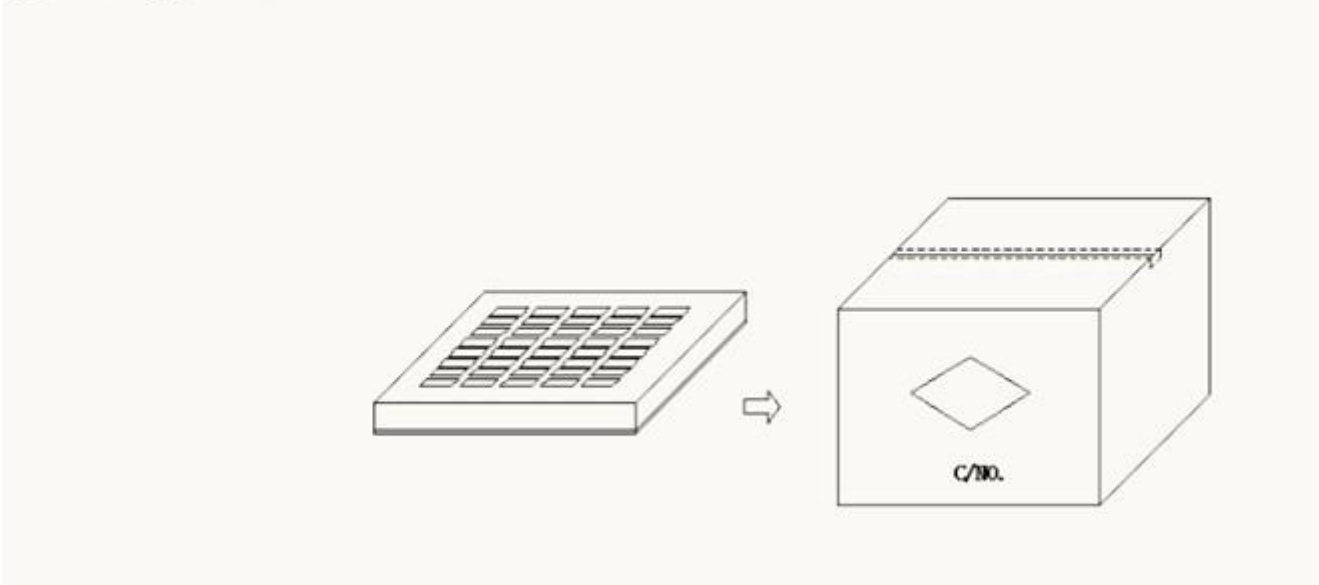
Note: Wrap 6MM (ref) high-temperature adhesive paper around coil outlet position

stan dard	A	B	C	D	E	I	T	
STD	45.0±1	20.5±1.5	5.3±0.5	40±2	2-5	1±0.2	3.0Max	

unit: MM

五. PACKONG

5.1 Packing pictures:



5.3 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.

5.2 Packing Quantity:		
Item	Quantity	Material
Box	350 Pcs	345*330*50 mm
Big Carton	1400 Pcs	360*340*280 mm