



Shenzhen Shenguang Electronic Technology Co.,LTD

Client

DONGGUAN KAFULLE ELECTRONIC CO.LTD

TYPE

G50*5.3*1.0; Enamelled Wire 0.08*105p L=40MM

Model NO

SG-A11-6.3UH

Part numbering

SG-A11-040-001

3L6516

Client p/NO

Enginrer NO

TQE 1800510003

Date

2024-1-18

For Enginer Departner Only	
Rrvised Content	APProved Date

Prepared

Checked

Approved

XieYanQi

DuanJiaWang

XieXiaoZai

Authorized Signaturure Company Chop		
Enginrer	QC APProved	APProved



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一、 Winding Procese:

NO	Winding	Wile	Turns	Direction	Remarks
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) =3.8uH±20%

1.12 L0A(Coil+Ferrite)=6.3uH±10%

1.2 Q=70MIN

1.3 DCR: 60mΩ MAX

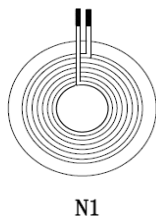
1.4 Operating Temperature: -25°C~85°C

2.Test instrument: **L:**CH1068+1310;**DCR:**502BC;**SIZE:**Callipers

3.Material List

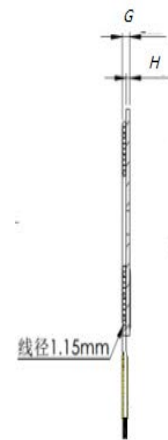
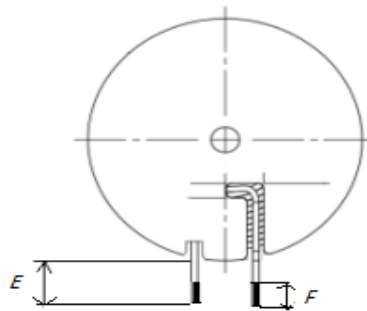
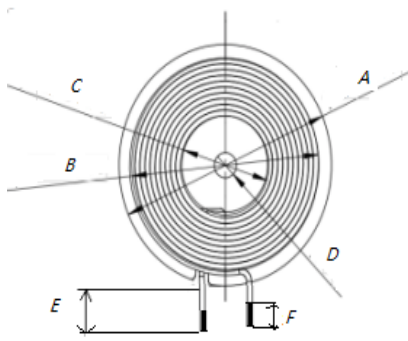
NO	List	Material
1	WIRE	φ 0.08*105p 2UEW
2	FERRITE	50*5.3*1.0 L
3	GLUE	White Glue
4	SOLDER	XCD-907B
5	Adhesive	双面背胶
6	High temperature adhesive	6MM(Ref)高温胶纸
7		

三. CIRCUIT DIAGRAM



Unit: MM

四. OUTSIDE DIAGRA

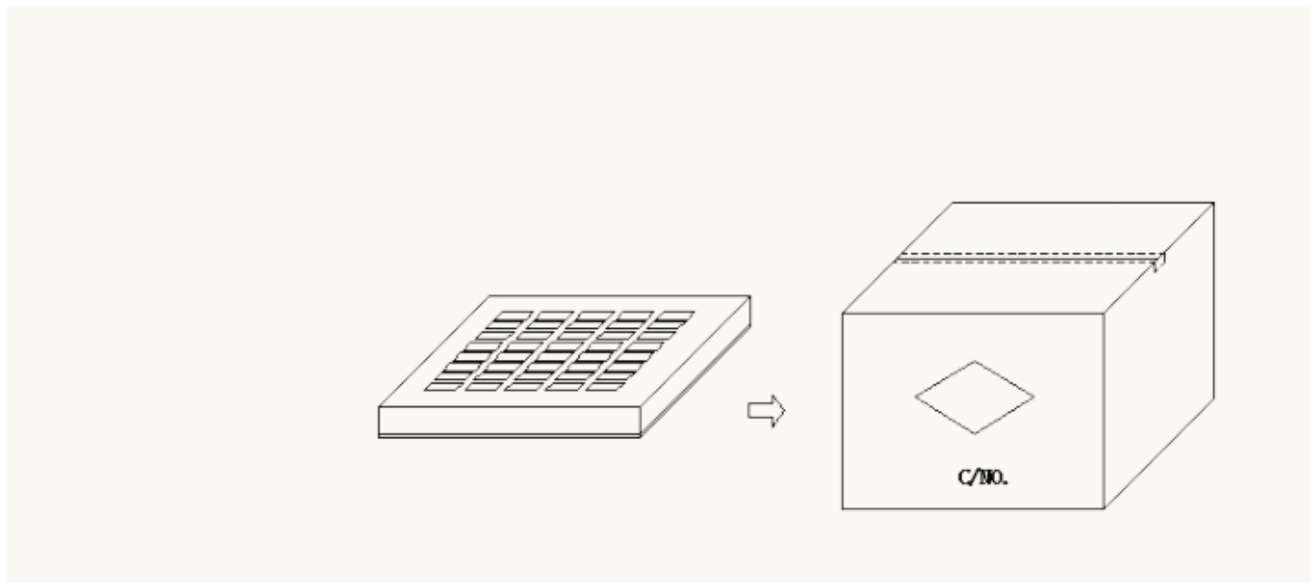


	A	B	C	D	E	F	G	
STD	50±0.5	41.5±1.5	20.5±1.5	5.3±0.5	40±2	2-5	2.8Max	

Unit: MM

五. PACKAGE

5.1 Packing Picture:



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.



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