

Client TYPE Transmitting coil 44MM

Model NO SG-A1144-6.6UH
SG-A11-030

Part numbering system _____

Client p/NO _____

Enginrer NO TQE 1800510003

Date 2021-10-9

For Enginer Departner Only	
Rvised Content	APPROved Date

Prepared
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Enginrer	QC APPROved	APPROved

1.Winding Procese:

NO	winding	Wire gauge	Number of turns	Winding direction	remark
1	N1	2UEW-B-0.08*24P*2	10TS	CCW	

2.FEATURES:

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

1.1 Inductance

1.11 L0A=3.8uH±20%

1.12 L0A=6.3uH±10%

1.2 Q=70MIN

1.3 DCR: 55mΩ MAX

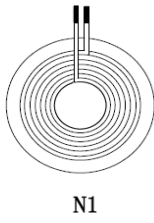
1.4 Operating Temperature: -25°C~85°C

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

3. Bill of materials

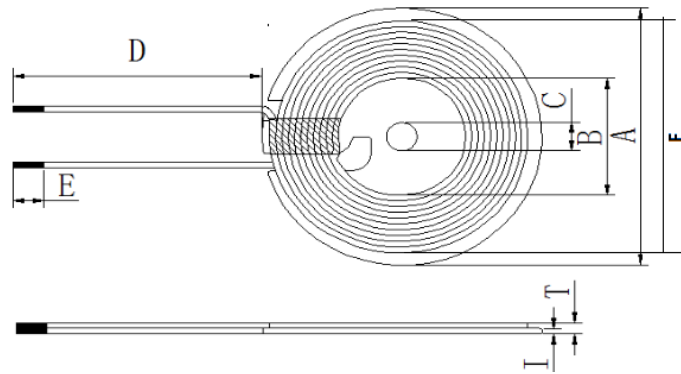
NO	item	Materials
1	WIRE	ϕ 0.08*24p*2 2UEW-1.0mm
2	FERRITE	43.5*4.7* 0.8L double slot ferrite hard magnetic
3	GLUE	White glue
4	SOLDER	XCD-907B
5	Adhesive	Double-sided adhesive
6	High temperature adhesive	8MM high temperature tape
7		
8		

3.CIRCUIT DIAGRAM



unit: MM

4.OUTSIDE DIAGRA



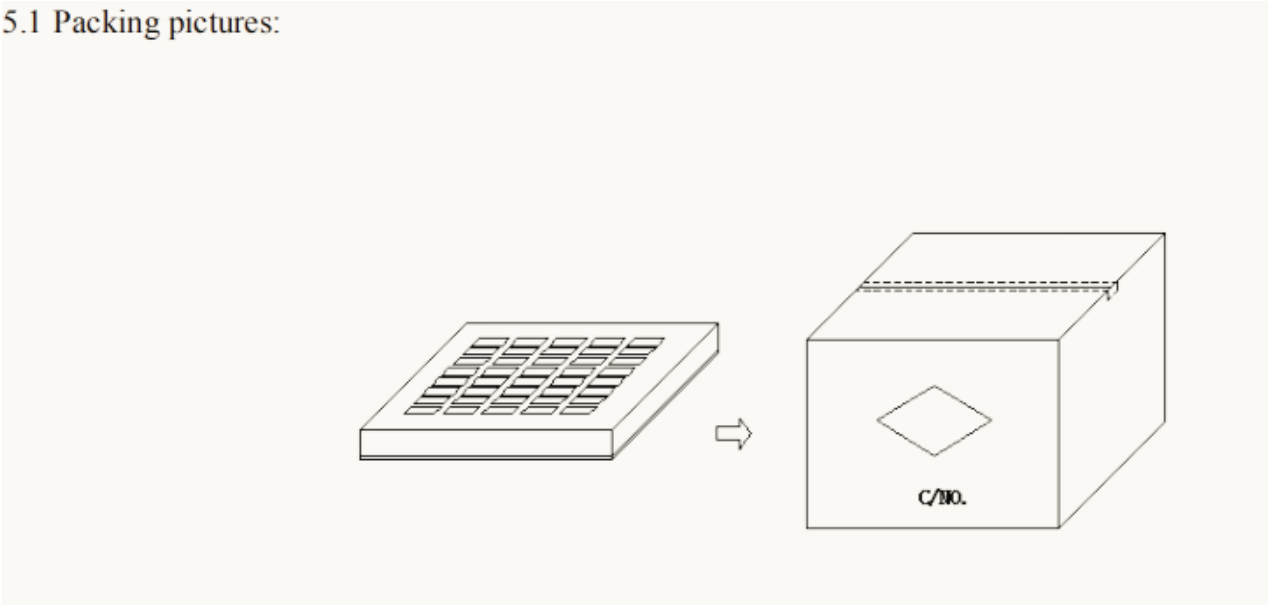
Note: Wrap 8MM (ref) high temperature adhesive paper around coil outlet position

Standard	A	B	C	D	E	F	I	T
STD	43.5±1	20.5±0.5	4.7±0.5	30±2	2-5	39±1.2	0.8±0.2	1.6Max

Unit: MM

5. PACKAGE

5.1 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.*

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