

Shenzhen Yibo Electronics Co., Ltd.

Client

TYPE

G41.8 transmitter coil

Model NO

Hot air coils 41.8 -6.5UH

Client p/NO

3.08.310101000

Date

Engineering Department of the Company/For	
Modifications/	Date of Recognition/

Prepared

Checked

Approved

The customer acknowledges the return of the signature		
engineering	approval/QC	Date of Recognition

一、Coil process/

NO	winding	Wire gauges	Number of turns	Winding direction	remark
1	N1	2UEW-B-0.08*48P*1.1	10TS	CCW	
2					

二. Electrical properties/FEATURES:

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

1.1 (Inductance)

1.11 L0A (Individual coils) =3.3uH±20%

1.12 L0A(Coil + magnetic sheet)=6.5uH±10%

1.2 Q value=70MIN

1.3 (DCR) : 55mΩ MAX

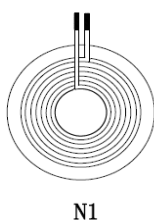
1.4 (Operating Temperature): -25°C~85°C

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

3.Bill of Materials

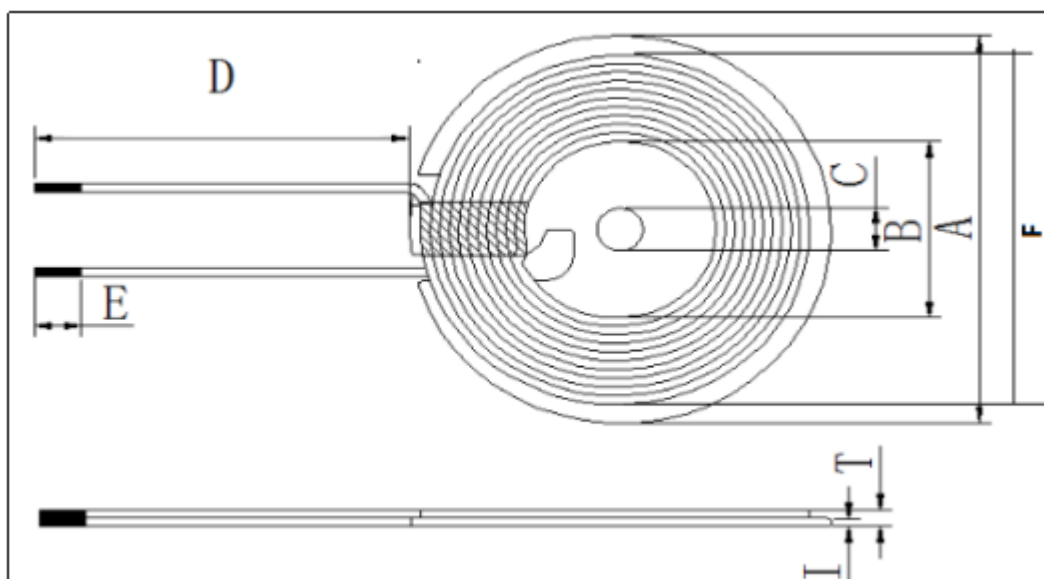
NO	project	material
1	WIRE	φ 0.08*48p*1.1 2UEW-1.0mm
2	FERRITE	41.8*0.56*0.8 L Double-groove ferrite hard magnetic
3	GLUE	White glue
4	SOLDER	XCD-907B
5	Adhesive	
6	High temperature adhesive	6MM High temperature tape
7		
8		

三. CIRCUIT DIAGRAM



单位： MM

四. OUTSIDE DIAGRA



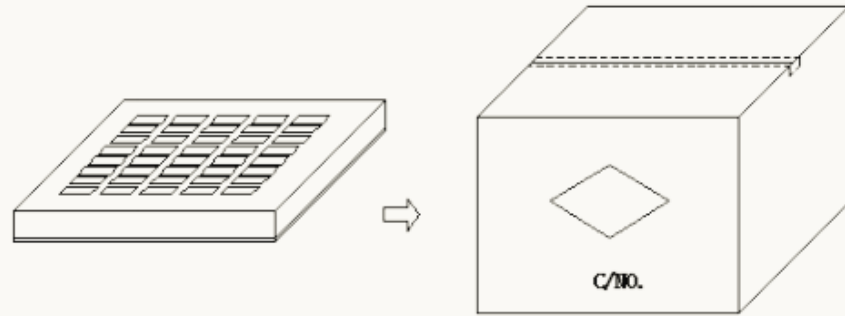
Note: Wrap 8MM (ref) of high-temperature adhesive tape around the coil outlet position

stan dard	A	B	C	D	E	F	I	T
STD	41.8	20.5	5.0 ± 0.5	According to customer requireme nts	2-3	40 ± 1.2	0.8 ± 0.1	2.0Max

unit: MM

五. PACKAGE

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	1440 Pcs	360*340*280 mm

5.3The packaging is based on the existing packaging tray as the reference standard, and the actual shipping packaging shall prevail, and can be customized if there is a special need.

六、 Storage and Use condition

6.1 Storage condition

6.1.1 Suggested storage conditions: temperature $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, humidity 70% (Max.)

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