

Shenzhen Shenguang Electronic Technology Co.,LTD

Factory 401, 1165 Guangjing Road, Guihuazhuang Community, Guanlan Street, Longhua District, Shenzhen City

CUSTOMER:

Shenzhen Fangxin Technology Co., Ltd.

CUST P/N:

NAMA P/N:

Wireless charging transmitting coil

DESC:

Hot air line CW11TS, 0.08*72, 8.1uH, Q > 70, lead-out length 6mm, magnetic sheet G42.5*5.3*0.8mm + 20*0.8mm, double slot, back adhesive

DATE:

2024.08.06

Version:

A.0

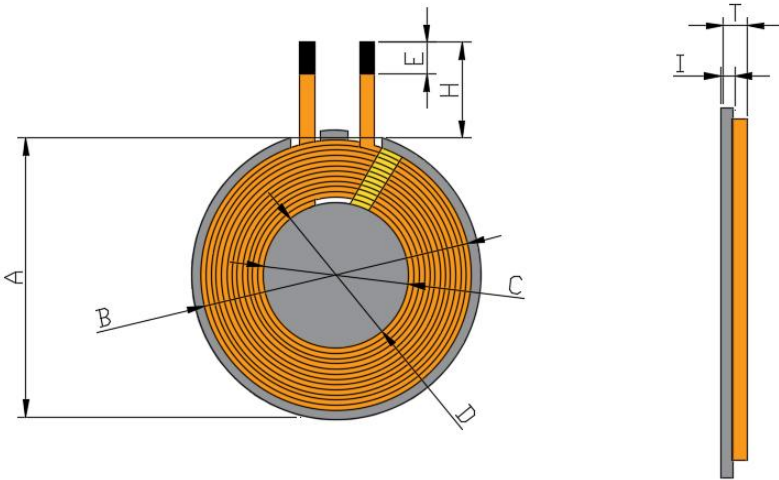
PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Xie yanqi	Duan jiawang	Xie Xiaozi	

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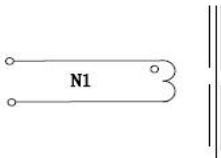
SPECIFICATION

DESC	Hot air line CW11TS, 0.08*72, 8.1uH, Q > 70, lead-out length 6mm, magnetic sheet G42.5*5.3*0.8mm + 20*0.8mm, double slot, back adhesive	Rev: A.0	CUST:	Fangxin Technology
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一、DIMENSION:(mm)



二、SCHEMATIC DIAGRAM:



三、Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Enamel-coated wire, 0.08 * 72P	11Ts	CW

四、ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	4.8uH ±10% Single Coil	100KHz/1.0V	CH 1063
2	IND.	S-F	8.1 microhenries ± 10% with magnetic sheet	100KHz/1.0V	CH 1063
3	DCR	S-F	70m Ω MAX	100KHz/1.0V	502BC
4	Q	S-F	70MIN	100KHz/1.0V	502BC

PREPARED BY/DATE

2024-8-6

CHECKED BY/DATE

2024-8-6

Note:

1. Cross-line exit;

2. Magnetic plate size:
42.5 ± 0.5 mm, thickness:
0.8 ± 0.1 mm.

3. Position sticker for the folded line: 3mm thick heat-resistant adhesive tape.

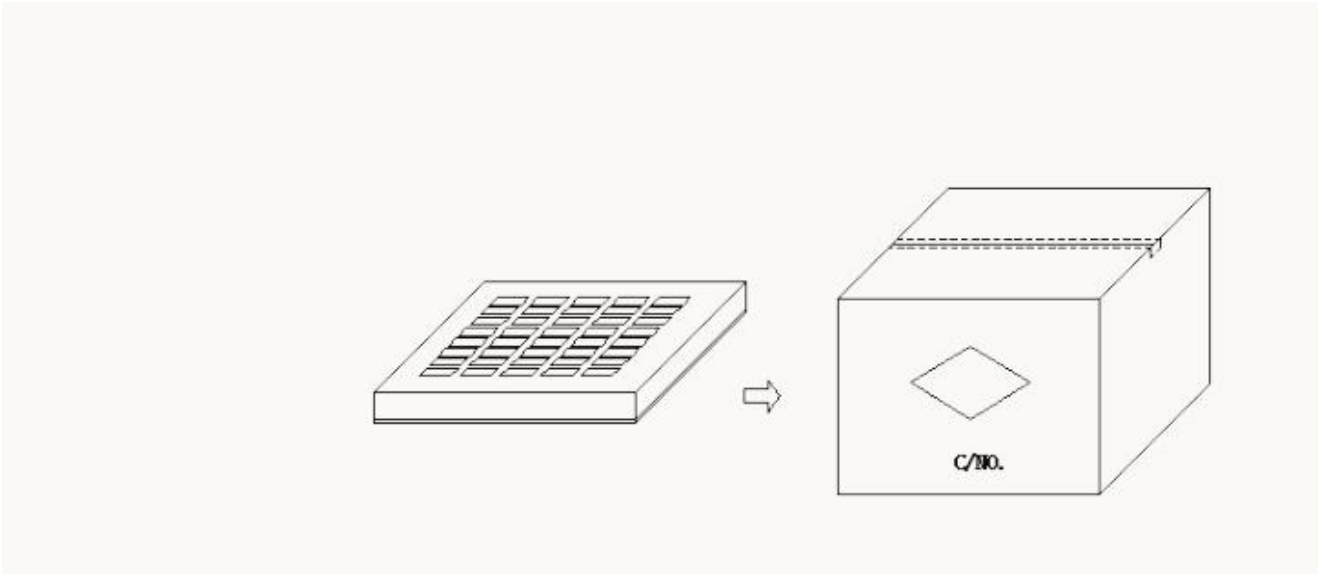
4. Distance between the two leads: 5mm (Ref)

五、Material List:

NO.	Material name	Description	Martnumber	Material
1	Hot air line	0.08*72P		2UEW
2	Lead-free tin rod	high temperature		
3	Acetone water	/		
4	glue	Water-based glue white		
5	magnetic sheet	Hard magnetic size G42.5*5.3*0.8 + 20*0.8		PC40
6	gum	double-sided adhesive		
7	NTC	/		
8				
9				
10				
11				
12				

六、 PACKAGE

6.1 packaging picture



6. 2 Packing Quantity:

Item	Quantity	Material
Box	400 Pcs	370*265*55mm
Big Carton	1200 Pcs	420*270*310mm

6.3 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.

七、Storage and Use condition

7.1 Storage condition

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

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

7.2 Use condition

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