

**SPECIFICATION FOR APPROVAL**CUSTOMER: **C001**

CUST P/N:

FINE P/N: **FYC001001**DESC: **FYC00112024032301**DATE: **2024/03/23**Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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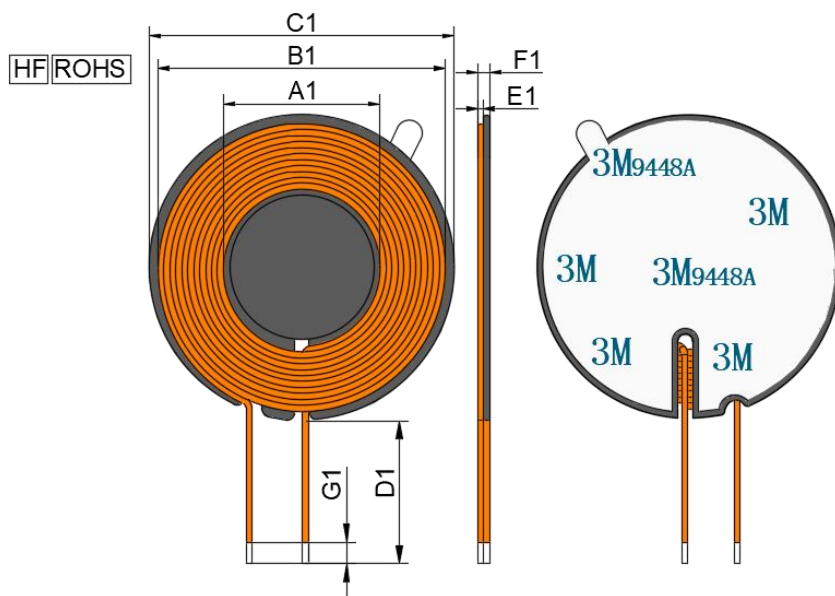
## Version Change History

[illegible]

# SPECIFICATION

DESC	FYC00112024032301	Rev: A.0	CUST:	C001
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## 一、DIMENSION:(mm)

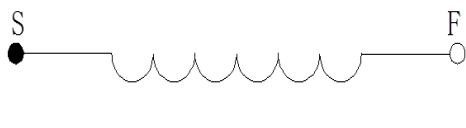


A1	21.8±0.5
B1	39.3±0.5
C	42.4±0.4
D1	15±1.5
E1	0.8±0.2
F1	2.55Max
G1	2-4

### Note:

1. The leads do not cross the outlets and do not need to be bent.
2. The coil is placed with the opposite side facing the magnetic sheet. The size of the magnetic sheet is  $\phi 42.4 \times 1.15\text{mm}$ . It has two straight slots, with a  $\phi 18\text{mm} \times 0.75\text{mm}$  small magnetic sheet attached in the middle, and one side of the small magnetic sheet is attached with  $\phi 15 \times 0.08\text{mm}$  and a tear-off position for ordinary adhesive.
3. One side of the magnetic sheet is attached with  $\phi 41.2 \times 0.15\text{mm}$ . It has two slots and uses 3M9448A double-sided adhesive with a tear-off position.

## 二、SCHEMATIC DIAGRAM:



## 三、Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Litz0.08*65p	11Ts	CW

## 四、ELECTRICAL CHARACTERISTICS:

TEMPERATURE:  $25 \pm 10^\circ\text{C}$ , RELATIVE HUMIDITY:  $65 \pm 20\%$

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	$8.4\mu\text{H} \pm 5\%$	360KHz/1.0V	TH2829LX
2	DCR	S-F	$\leq 70\text{m}\Omega$		TH2829LX
3	ACR	S-F	$150\text{m}\Omega$ Max	360KHz/1.0V	TH2829LX

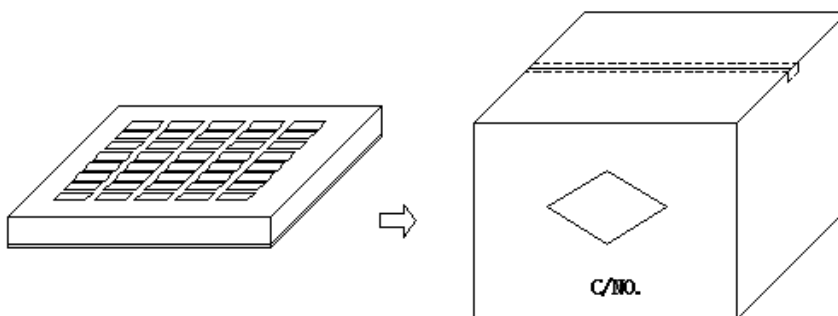
PREPARED BY/DATE	CHECKED BY/DATE
Jiang Huixuan 2024/03/23	Cai Jiyu 2024/03/23

## SPECIFICATION

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### 五、PACKONG:

#### 5.1 Packing pictures:



#### 5.2 Packing Quantity:

Item	Quantity	Material
Box	200 Pcs	370*265*55mm
Big Carton	1000 Pcs	420*270*310mm

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、Material list:

number	Material name	Description	Manufacturer
1	Litz0.08*65p	Litz0.08*65p	
2	Lead-free tin rod	Lead-free tin rod	
3	magnetic sheet	The size of the magnetic disc is $\phi 42.4 * 1.15$ mm, with two straight slots.	
4	Small magnetic disk	$\phi 18\text{mm} * 0.75$	
5	3M9448A Adhesive Tape	$\phi 41.2 * 0.15$ Double-slot, 3M9448A with tear-off position and double-sided adhesive	
6	Common adhesive tape	$\phi 15 * 0.08$ with tear-off position and ordinary adhesive backing	

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J i a n g   H u i x u a n   2024/03/23	C a i   J i y u   2024/03/23