

Specification for Approval

Customer:

Customer Part No.:

Supplier:

Spec description:

Supplier Part No.:

Date:

Version:

Draw:

TNU222ALUNITFF

Fuda Semiconductor (Hefei) Co., Ltd

J-FDIMPPNU222FF

2024/1/28

A.0

Supplier Approve		Customer Approve
EE Confirm by	PE Confirm by	
QE Confirm by	Approval by	

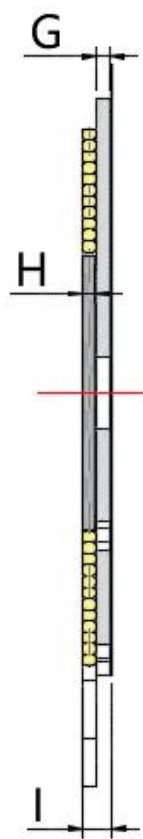
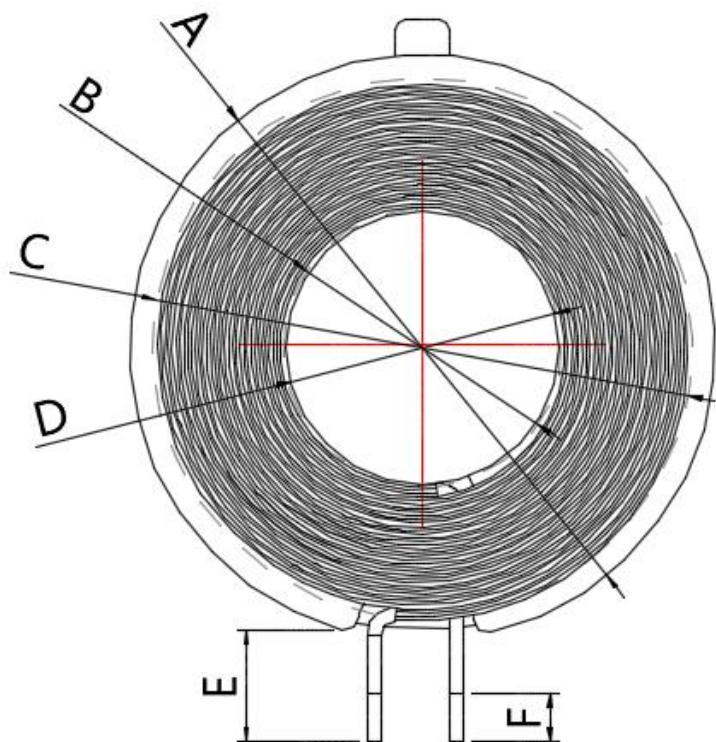
Version Change History

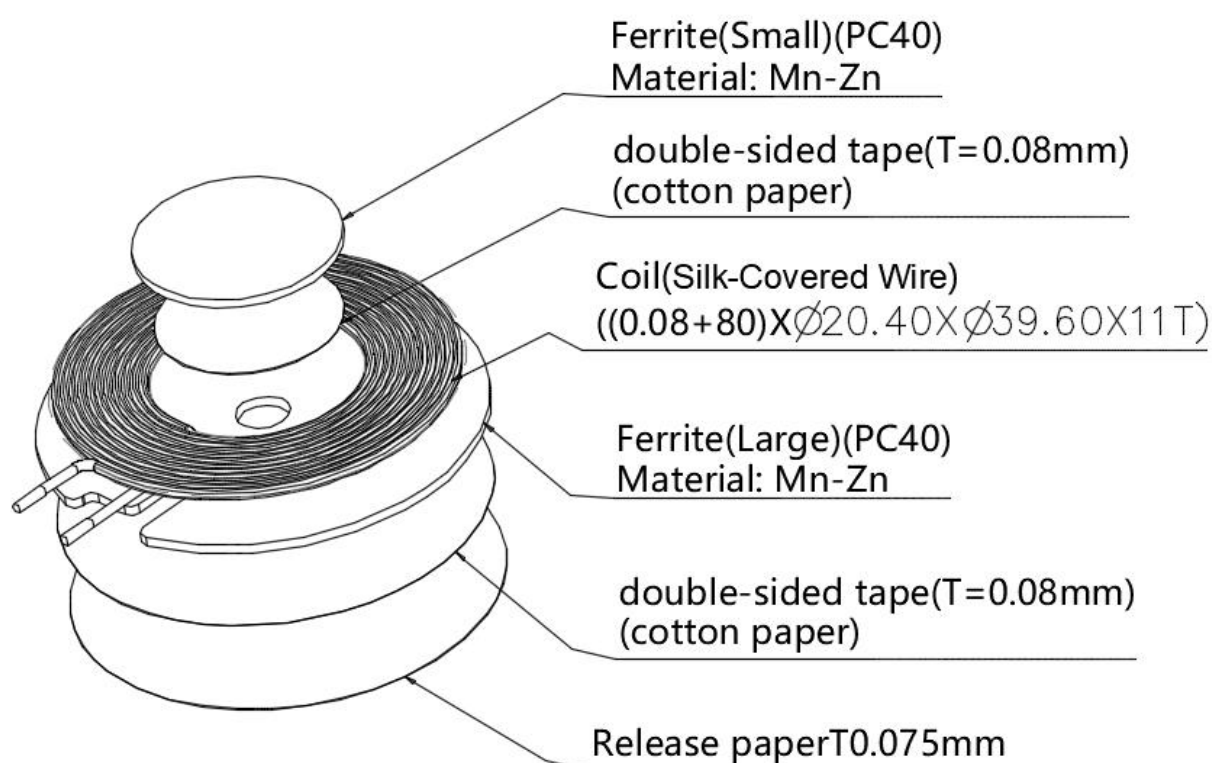
Revision	Before change	After change	Date	Approval by
A.0	——	Initial Release	2024/1/28	

1. Manufacturer information

Items	Manufacturer name	Approval
The first resource	JIOU	Robin
The second resource		

2. Dimension specification





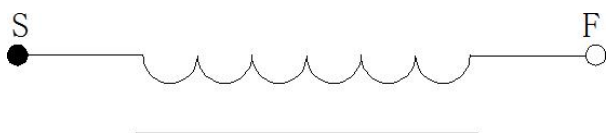
单位(Unit):毫米(mm)

A	B	C	D	E	F	G
42.9±0.5	20 ^{+0.25} _{-1.2}	39±1	20.4±0.1	8±1	4±1	1.0±0.1
H	I					
0.95 ^{+0.1} _{-0.05}	2.1±0.1					

注:

1. Do not attach high-temperature tape to coil leads
2. The "I" size includes the thickness of the double-sided tape but does not include the thickness of the release paper
3. The ferrite is a flat ferrite made of two large and small ferrites glued together with double-sided adhesive

3. Schematic diagram



4. Electronic character

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

RATED POWER: 15W RATED CURRENT: 1.66A

TEMPERATURE LIMITATION: 130°C

TIEM	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND	$8.1\text{UH} \pm 5\%$	100 KHZ/1.0V	LCRMETRTH2830N
DCR	$50\text{m}\Omega \pm 10\%$	\	PH2511S
Q	$90 \pm 10\%$	100 KHZ/1.0V	LCRMETRTH2830N
Operating Temperature and Humindity		$-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$ / $30\% \sim 90\%$	
Storage Temperature and Humindity		$-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$ / $30\% \sim 90\%$	

5. Coil specification

Turns	Wire Dia.	Wdg. Type Spred/Close	Wdg.Direction	Intersect Yes/Not	Coil Positive/Anti Paste
11T S	0.08*80P (Silk-Covered Wire)	Close	Anticlockwise	Not	Anti-/Paste

6. Bill of materials

number	Material name	Description	Material Code
1	Wire	0.08*80P (Silk-Covered Wire)	
2	Ferrite(Small)	$\phi 20 * 1.0\text{H}$	
3	Ferrite(large)	$\phi 42.9 * 1.0\text{H}$	
4	Adhesive	JS-E103	

5	Double sides adhesive tape	COTTON PAPER $\phi 40.5$ T=0.08	
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