

Specification for Approval

Customer : _____
Customer Part No. : _____
Supplier : NuVolta Technologies (Hefei) Co., Ltd.
Room 01, F5, Building B4, Phase 1, Zhongan Chuanggu
Technology Park, No.900, West Wangjiang Road, High-Tech Zone,
Hefei, Anhui, PRC
Spec description : Nu226/Ferrite(PC40)+coil(0.08*65P*11T,Ls=8.1uH
Supplier Part No. : Nu226MPPCOIL
Date : 2024/6/24
Version : A.0
Draw : _____

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

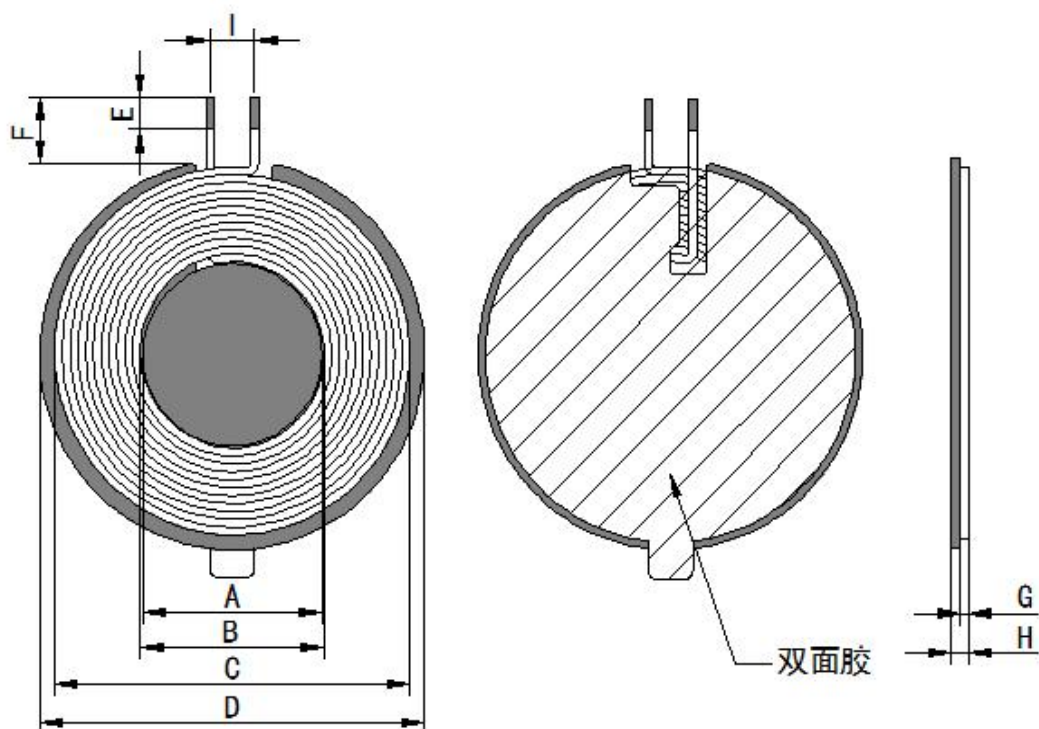
Version Change History

Revision	Before change	After change	Date	Approval by
A. 0	——	Initial Release	2024/6/24	

1.Manufacturer information

Items	Manufacturer name	Approval
The first resource	DONGGUAN KIMCHEN INDUSTRY INTL LIMITED Room 102, No.2 Sisha Road, Shijie Town, Dongguan City, Guangdong	
The second resource	DONGGUAN JIOU ELECTRONIC TECHNOLOGY CO.,LTD 3rd Floor, Building B, Xinfaxi Industrial Zone, No. 75, Xinfeng West Road, Shijie 2nd Village, Shijie Town, Dongguan City	

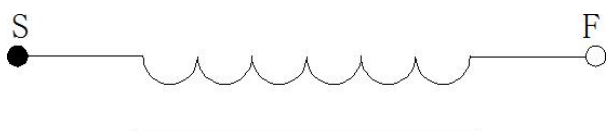
2.Dimension specification



Unit:mm

A	B	C	D	E	F
$20+0.25/-1.2$	20.5 ± 0.5	$39.6+0.3/-1.5$	42.9 ± 0.5	$3+0.5/-1.5$	7.3 ± 1
G	H	I			
0.95 ± 0.05	2.3MAX	5 ± 1.5			
PS:					

3.Schematic diagram



4. Electronic character

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

TIEM	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND	$8.1\mu\text{H} \pm 5\%$	100 KHZ/1.0V	HY23830
DCR	65 m Ω MAX	\	HY23830
Q 值	75 min	100 KHZ/1.0V	HY23830

Operating Temperature and Humindity	$-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$ / 30%~90%
Storage Temperature and Humindity	$-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$ / 30%~90%

5. Coil specification

Turns	Wire Dia.	Wdg. Type Spred/Close	Wdg.Direction	Intersect Yes/Not	Coil Positive/Anti Paste
11TS	0.08*65P (Stranded wire)	(Close)	(Anticlockwise)	(Yes)	(Anti/-Paste)

6. Bill of Materials

Material name	Description	Material Code
Wire	0.08*65P	JX-2U-F-0025
Ferrites	42.9±0.5*5.2±0.5*1.0±0.05H	GCP-T-00292
Circular hard magnetic material	20*1.0H	GCP-T-00264
Circular double-sided adhesive tape	41.3*0.05H	SMJ-T-0078
Round regular double-sided adhesive tape	18*0.08H	SMJ-T-0010
glue	JS-E7202	E7202W
tin bar	Environmentally friendly lead-free solder wire	Lead-free high-temperature solder wire

7. Precautions for production

1. The lead ends must not have burrs, frays or any other appearance defects..
2. The gap between the coil and the ferrite must not exceed 0.5mm.
3. The winding method of the coil must be carried out in accordance with the winding direction specified in the specification document.
4. The width of the yellow heat-resistant adhesive tape is precisely manufactured in accordance with the specifications as defined in the technical document.
5. The surface of the coil must not have any solder beads. It is recommended that the tin-plating process does not use any flux.
6. The surface of the coil must not have any loose copper wires or any irregular arrangement of the copper wires.