

规格承认书

Specification for Approval

客户: _____
Customer: _____
客户料号: _____
Customer Part No.: _____
供应商: Fuda Semiconductor (Hefei) Co., Ltd
Supplier: _____
规格描述: Nu227 coil/Ferrite (PC40)+coil (hot air wire, 0.08 * 65P * 11T,
Spec description: Ls=8.1uH,Lead length 8mm

供应商料号: Nu227MPPCOIL
Supplier Part No.: _____
日期: 2024/9/13
Date: _____
版本: A.0
Version: _____
制作: _____
Draw: _____

供应商确认 Supplier Approve		客户确认 Customer Approve
研发确认 EE Confirm by	工程确认 PE Confirm by	
品质确认 QE Confirm by	批准 Approval by	

版本变更履历

Version Change History

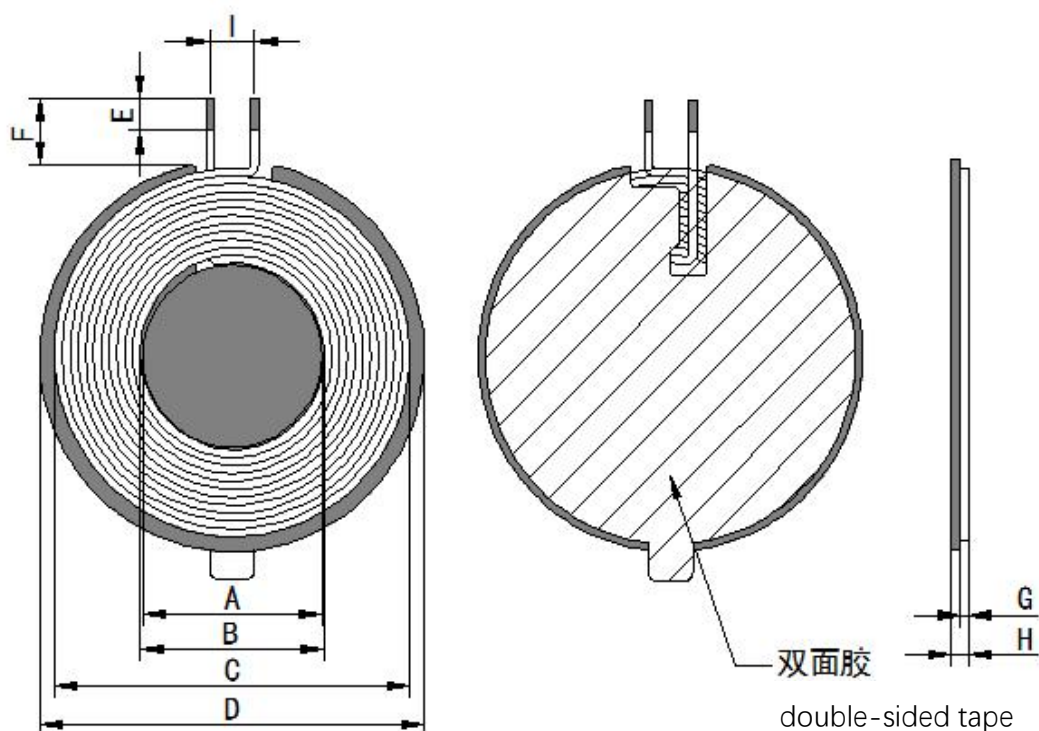
版本记录 Revision	变更前 Before change	变更后 After change	变更日期 Date	批准 Approval by
A.0	——	新发行 (Initial Release)	2024/9/13	

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1. 生产商信息 Manufacturer information

项目 Items	生产商名称 Manufacturer name	生产商确认 Approval
第一资源 The first resource		
第二资源 The second resource		

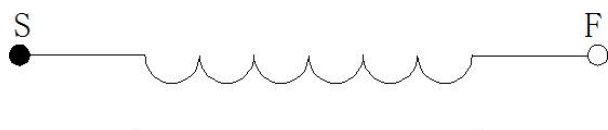
2. 尺寸规格 Dimension specification



单位(Unit):毫米(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: (H)Excluding release paper;					

3.原理图 Schematic diagram



4. 电器特性 Electronic character

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

项目 TIEM	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
IND	8.1UH±5%	100 KHZ/1.0V	HY23830
DCR	65 mΩ MAX	\	HY23830
Q 值	75 min	100 KHZ/1.0V	HY23830

Operating Temperature and Humindity/工作温度和湿度	-30℃~80℃ / 30%~90%
Storage Temperature and Humindity/存储温度和湿度	-40℃~90℃ / 30%~90%

5. 线圈参数 Coil specification

圈数 Turns	线径 Wire Dia.	绕线方式 疏/密 Wdg. Type Spred/Close	绕线方向 Wdg.Direction	相交 是/否 Intersect Yes/Not	线圈 正/反贴 Coil Positive/Anti Paste
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11TS	0.08*65P 热风绞线 (Stranded wire)	密绕 (Close)	逆时针 (Anticlockwise)	相交 (Yes)	反贴 (Anti/-Paste)
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材料名称 Material name	品名描述 Description	物料代码 Material Code
线材 wire	0.08*65P 热风绞线 Hot air twisted wire	JX-2U-F-0025
铁氧体 ferrite	42.9±0.5*5.2±0.5*1.0±0.05H (带孔带槽 Perforated and slotted)	GCP-T-00292
圆形硬磁 Circular hard magnet	20*1.0H (无孔无槽 No holes or slots)	GCP-T-00264
圆形双面胶 Circular double-sided tape	41.3*0.05H(无孔无槽单面背胶 Non porous, non grooved single-sided adhesive backing)	SMJ-T-0078
圆形普通双面胶 Circular ordinary double-sided tape	18*0.08H (无孔, 无槽带手撕 No holes, no grooves, tear by hand)	SMJ-T-0010
胶水 glue	JS-E7202 (加稠) 白胶 Thickened	E7202W

	white glue	
锡条 tin bar	环保无铅焊锡条 Environmentally friendly lead-free solder bars	无铅高温锡条 Lead free high-temperature tin strip

6.材料清单 Bill of Materials

7.生产注意事项 Precautions for production

1. 引线头不能有毛刺，散开等外观不良现象。
2. 线圈与铁氧体的间隙不能大于 0.5mm。
3. 线圈的绕线方式必须按照规格书定义的绕向制作。
4. 黄色高温胶布宽度严格按照规格书定义制作。
5. 线圈表面不能出现锡珠，建议浸锡工艺不使用助焊剂。
6. 线圈表面不能出现松散或部分铜线出现不规律排列现象。

1. The lead head should not have burrs, scattering or other appearance defects.

The gap between the coil and the ferrite cannot exceed 0.5mm.

The winding method of the coil must be made according to the winding direction defined in the specification book.

4. The width of the yellow high-temperature adhesive tape shall be strictly made according to the specifications.
5. There should be no solder beads on the surface of the coil, and it is recommended not to use soldering flux during the immersion process.
6. There should be no loose or irregular arrangement of copper wires on the surface of the coil.