

规格承认书

Specification for Approval

客户:	Xinspower
Customer:	
客户料号:	10X-0000000-020
Customer Part No.:	
供应商:	伏达半导体（合肥）股份有限公司
Supplier:	NuVolta Technologies (Hefei) Co., Ltd.
规格描述:	Φ42.9*5.2*0.5/Φ20*0.75 0.08*65P 11TS 8.0UH
Spec description:	
供应商料号:	TBAPACKPDCL
Supplier Part No.:	
日期:	2026/7/9
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	

生产商名称: 东莞市吉欧电子科技有限公司
Manufacturer name: DongGuan Jiou Electronic Technology Co., LTD
地址: 东莞市石碣镇石碣二村新风西路75号新发工业区B栋三楼
Address: 3rd Floor, Building B, Xinfeng Industrial Zone, No. 75, Xinfeng West Road, Shijie Second Village, Shijie Town, Dongguan China.

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）	2026/7/9	

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	东莞市吉欧电子科技有限公司 DongGuan Jiou Electronic Technology co., LTD	Robin
第二资源 The second resource		

2. 尺寸规格 Dimension specification

制程要求：Process requirements:

1. 线圈引线不贴高温胶平行出线；

Coil leads are not bonded with high-temperature adhesive and exit in parallel.

2. 线圈面贴普通双面胶 $\Phi 38 \times 0.1$ ；

The coil surface is adhered with double-sided tape, with dimensions of $\Phi 38 \times 0.1$

3. 隔磁片的规格为： $\Phi 42.9 \times 5.2 \times 0.5$ 带槽/ $\Phi 20 \times 0.75$ ；

The specifications of the ferrite are: $\Phi 42.9 \times 5.2 \times 0.5$ with slots / $\Phi 20 \times 0.75$

4. 隔磁片背面贴黑色 PET 膜（机贴）；

The backside of the ferrite is coated with a black PET film (machine-applied).

5. 线圈内引线热压整形，两条引线套热缩管 $\Phi 1.2\text{CB} \times 17$ ，外露锡头；

The leads inside the coil are heat-pressed and shaped. The two leads are covered with a heat-shrink tube $\Phi 1.2\text{CB} \times 17$, and the exposed ends are tin-plated.

天线增益：仅采用辐射测量方式证明符合FCC对主频和杂散发射的限制。

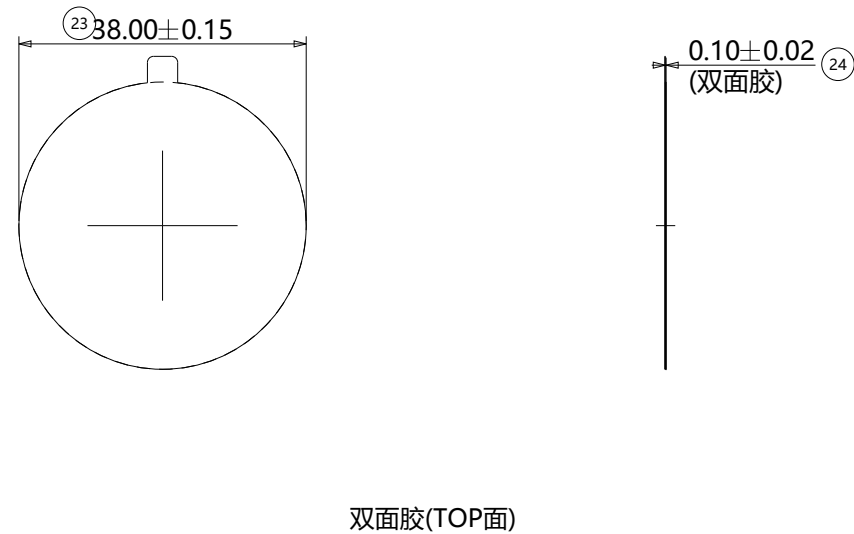
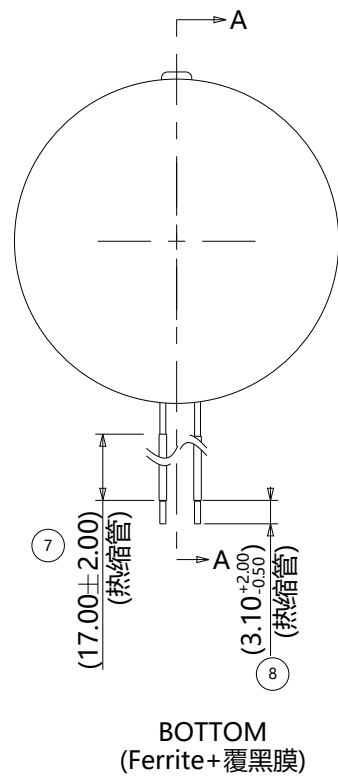
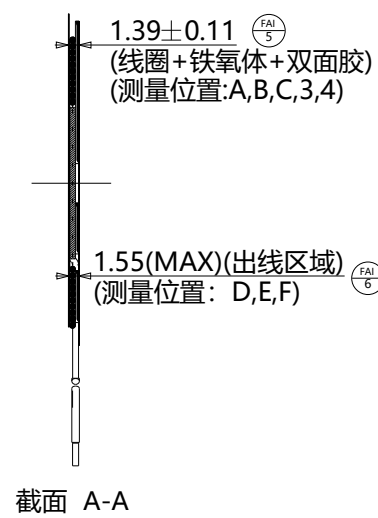
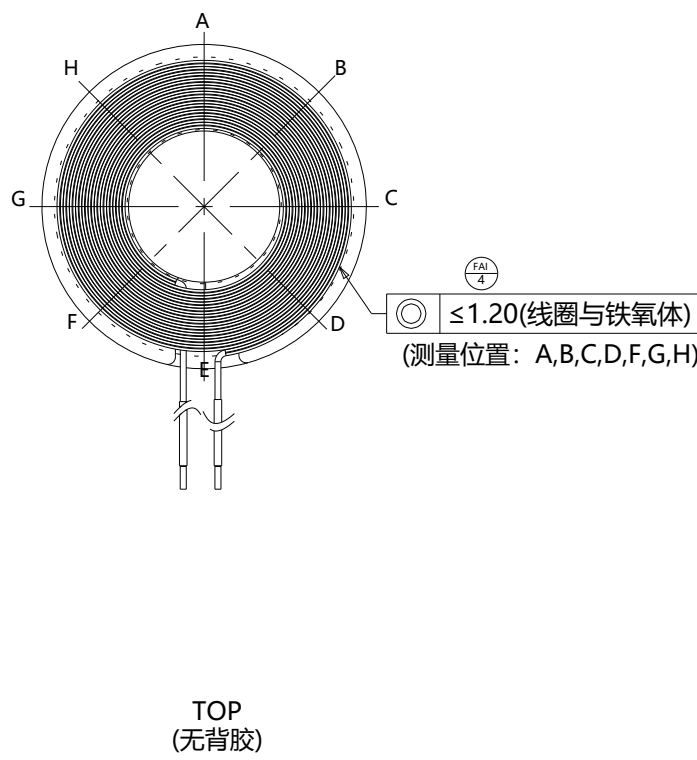
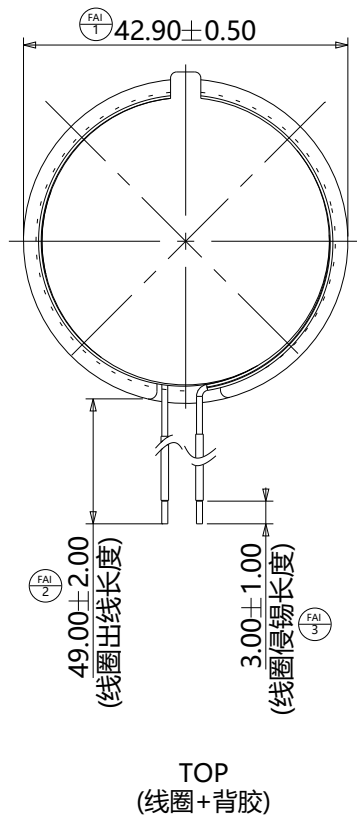
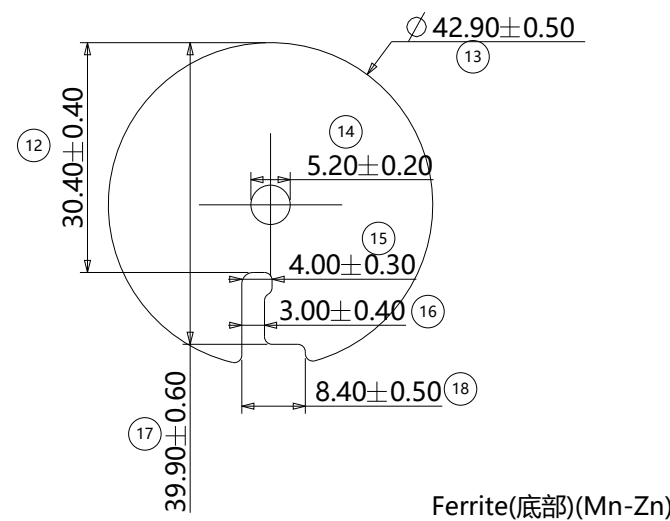
Antenna Gain: Only radiated measurements are used to show compliance with FCC limits for fundamental and spurious emissions.

Diagram illustrating the components of a circular inductor assembly:

- Top layer: 离型纸(T=0.10mm)
- Second layer: 双面胶(T=0.10mm)
- Third layer: Ferrite(中间)(T=0.75mm)
Material: Mn-Zn(PC40)
- Fourth layer: Coil(热风线)
(0.08X65PX11T)
- Fifth layer: Ferrite(底部)(T=0.46mm)
Material: Mn-Zn(PC40)
- Bottom layer: PET黑膜(单面带胶)
(T=50um)

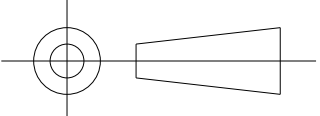
Technical drawing of a toroidal coil. The drawing shows a cross-section of the coil with a central hole. The outer diameter is dimensioned as 39.60 ± 0.80 (labeled 9). The inner diameter is dimensioned as 20.40 ± 0.30 (labeled 10). A note indicates: 线圈出线需做冲压处理 冲压厚度 $\leq 1.50\text{mm}$.

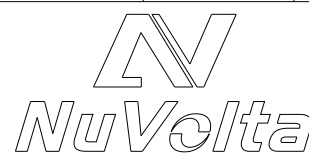
0.75 ± 0.05 (11)
(测量位置: A,B,C,G,H)



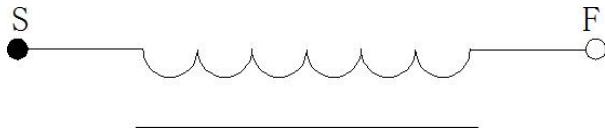
技术说明:

- 1、不允许有脏污、毛刺、变形、刮花;
- 2、工作温度-40~80℃, 存储温度-40~90℃;
- 3、需做适配检验, 不允许干涉;
- 4、需满足我司相关的测试要求;
- 5、“()”参考尺寸, 带“FAI”是重点管控尺寸, 带“SPC”是CPK尺寸, CPK 0.8;
- 6、未注公差查看公差列表;
- 7、满足无卤要求, 符合欧盟ROSH 2.0。

PART NAME	MPP线圈模组 (PD Stand)	DESIGNED	甘子权	DAY	2026/07/09
MODE	PD Battery Stand	CHECK		DAY	
CODE	TBAPACKPDCL	APPROVE		DAY	
MATERIAL	Ferrite+Coil+双面胶	REV	T01	PAGE	Page 1 of 1
SCALE	FIT	 			
UNIT	mm				



3.原理图 Schematic diagram



4.电器特性 Electronic character

温度 TEMPERATURE:25±10℃,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	8.0UH±5%	100 KHZ/1.0V	LCRMETRTH2830N
DCR	70mΩ Max	\	PH2511S
Q	60Min	100 KHZ/1.0V	LCRMETRTH2830N
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

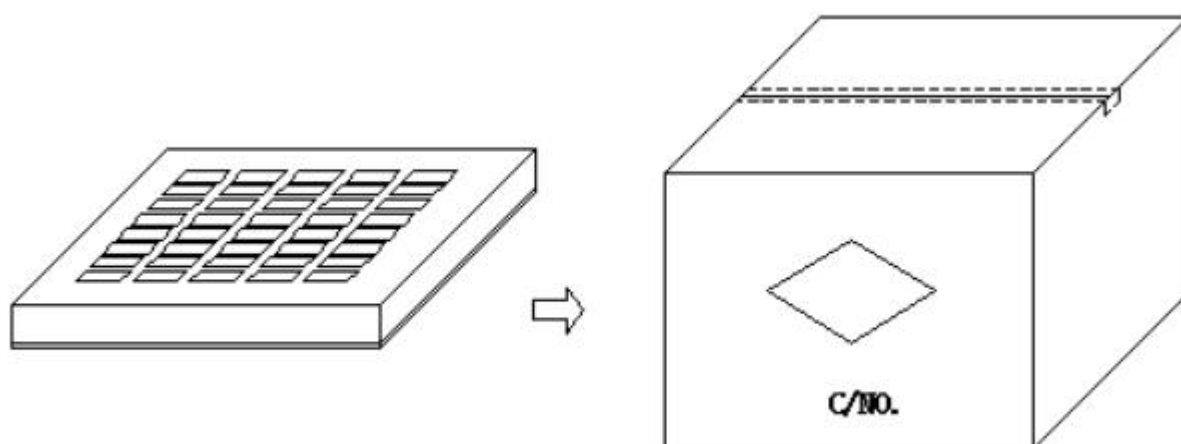
圈数 Turns	线径 Wire Dia.	绕线方式疏/密 Wdg. Type Spred/Close	绕线方向 Wdg.Direction	相交是/否 Intersect Yes/Not	线圈正/反贴 Coil Positive/Anti Paste
11T S	0.08*65P 热风绞线 (Hot- Wire)	密绕 (Close)	逆时针 (Anticlockwise)	相交 (Yes)	反贴 (Anti/-Paste)

6.材料清单 Bill of materials

序号 number	材料名称 Material name	品名描述 Description	物料代码 Material Code
1	线材/Wire	0.08*65P 自粘热风绞线(Hot- Wire)	
2	隔磁片/Ferrite	大/BIG: $\Phi 42.9 \times 5.2 \times 0.5$ with slots 小/SMALL: $\Phi 20 \times 0.75$	
3	粘和剂/Adhesive	JS-E103(Thickened) White glue	
4	双面胶/Double-sided adhesive	$\Phi 38 \times 0.1$	
5	热缩管/Heat-Shrink Tube	$\Phi 1.2 \text{CB} \times 17$	

7. 包装 PACKONG

7.1 包装图片 Packing picture



7.2 包装数量及规格 Packing quantity

项目 Item	数量 Quantity	材料规格 Material
盒 Box	240 PCS	37*27*5.0 CM
箱子 Big Carton	960 PCS	39.5*28*25.5 CM

7.3 包装以现有包装盒为参照标准，以实际出货包装为准，如有特殊需求可以定制。

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.