



样品承认书

SPECIFICATION FOR FLASHLENS

★客户名称/Customer:	
★客户料号/Customer item:	
★产品型号/Product model:	
★物料描述/Description:	318 单线圈组件
★物料材质/Code	铁氧体
★送样数量/Samples Q' ty:	3PCS
★发行日期/Issue Date:	2024. 1. 12

制 修 订 履 历 (Record)	版本 Version	制/修订日期 Revise Date	制/修订内容 Revise Contents
	V2. 1	2024. 1. 12	新订

★客户确认栏 (CUSTOMER CONFIRM)	
	Date of Receipt: 接 收 日 期:
	Received by: 担 当:

	★本司确认栏(供应商)			
	品 质	研发部		
	QE 审 核 Checked By	核 准 Approved	审 核 Checked By	制 定 Prepared By
				曹恒兵
地址:				
Address:				
TEL:				

品质政策，进取创新，精益求精，追求卓越。

表单编号： 版次

Shenzhen Hongrishengwei Technology Co., Ltd.
No. 1, 2nd Floor, 48 Zhuanwan Huancang Middle Road, Longhua New District,
Shenzhen City

产 品 承 认 书

SPECIFICATION FOR APPROVAL

客户确认 /Customer Admit	客户名称/Customer	
	客户料号/Cust P/N	
	产品名称/Name	318 单线圈组件
	规格/Part No	40.5*20.5*0.08*80P*11TS, G42.5*19.5*1.0mm, 双槽, 引线 40MM
	日期/Date	2024/1/12
	版本/Version	V2.1
	拟定/Design By	曹恒兵
	审查/Check. By	
	审批/Approve By	
	物料代码	

一、送样的原因/Sample Submission Reason

☒ 1. 新规格/New SPEC

☐ 2. New Material/追加材料

☐ 3. ECR/变更

☐ 4. 改善包装。

二、变更的规格说明/Request For New SPEC.

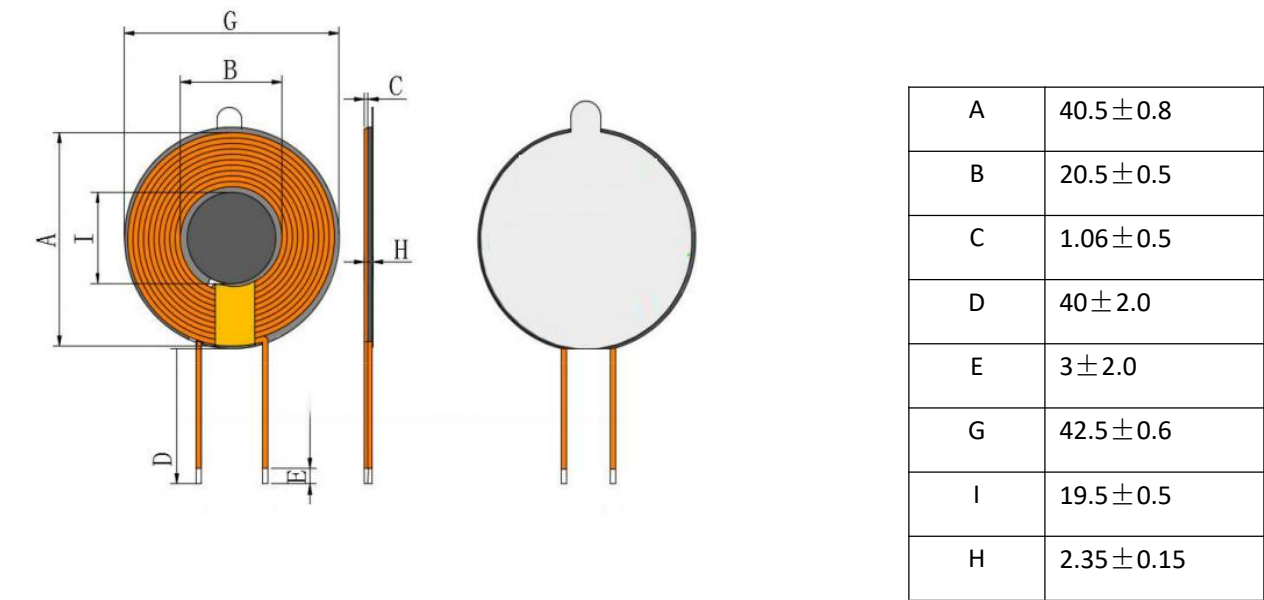
版本 Rev.	变 更 前 Before Change	变 更 後 After Change	更 改 日 期 Change Date	审 批 Approved By

三、备注/Remark:

- 3.1 本产品符合环境关联物质的管理规定要求.
- Above product comply to li yin Environmental material system requirement.
- 3.2 如未回传，则以贵司下订单为样品通过！
- In Event Of No Sign Back,We Will Under Take P.O. As Acceptance To Sample Approval!

四、产品规格 /Product Specification

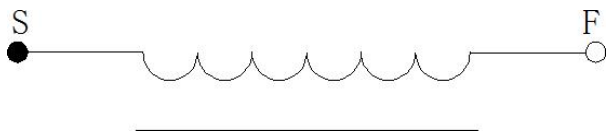
4.1 外观 & 尺寸 (Unit: mm)



注意事项:

1. Litz wire single coil
2. The sealing position is wrapped with 4-5mm (width) of polyimide tape 1.5Ts.
3. The coil body must not be loose and there must be no gap larger than 1/3 of the wire diameter.
4. The coil is attached to the exact center of the magnetic sheet.
5. Two leads are respectively drawn out from the large and small slots of the magnetic plate.
6. The middle small magnetic plate should be level with the surface of the coil.
7. The surface of the magnetic sheet should be smooth, with uniform color. There must be no dust
8. or magnetic powder that could affect the film application or adhesive. The back of the magnetic sheet should be coated with double-sided adhesive.

4.2 原理图 /SCHEMATIC DIAGRAM:



4.3 绕线参数 /Winding Specification:

序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
1	S	F	Litz 0.08*80P	11Ts	CCW

4.4 电气特性 ELECTRICAL CHARACTERISTICS:

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

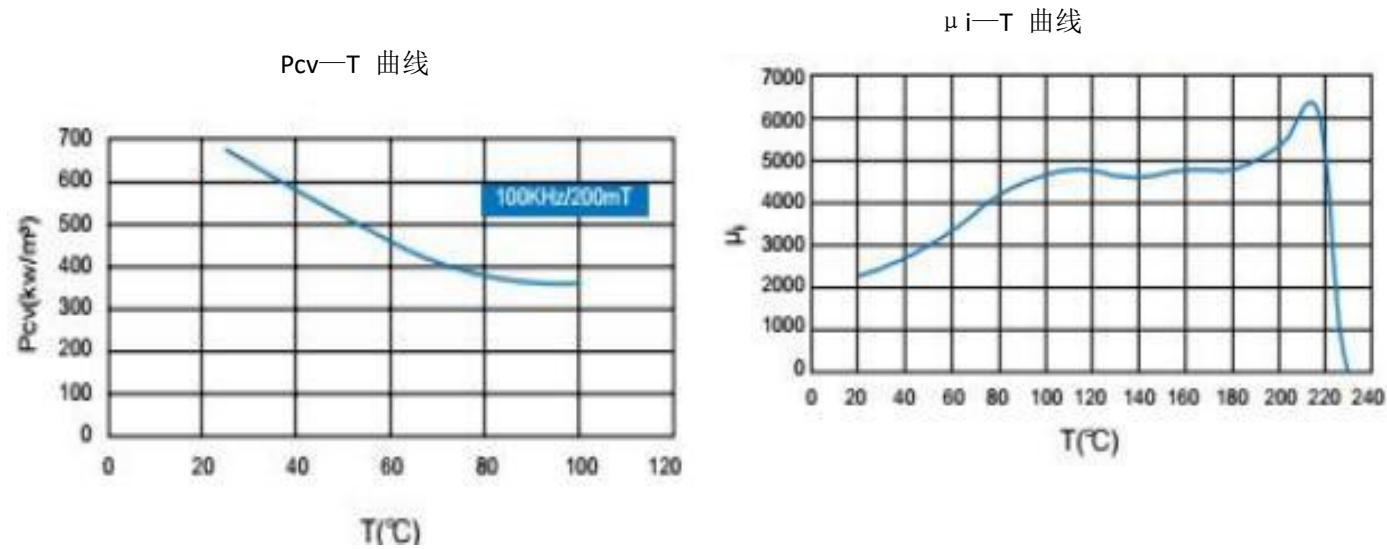
序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TESTEQUIPMENTS
1	LS	S-F	8.2uH±10%	100KHz/1.0V	TH2830
2	Q	S-F	95typ	100KHz/1.0V	TH2830
3	DCR	S-F	49mΩ ±10%		ZX5512B

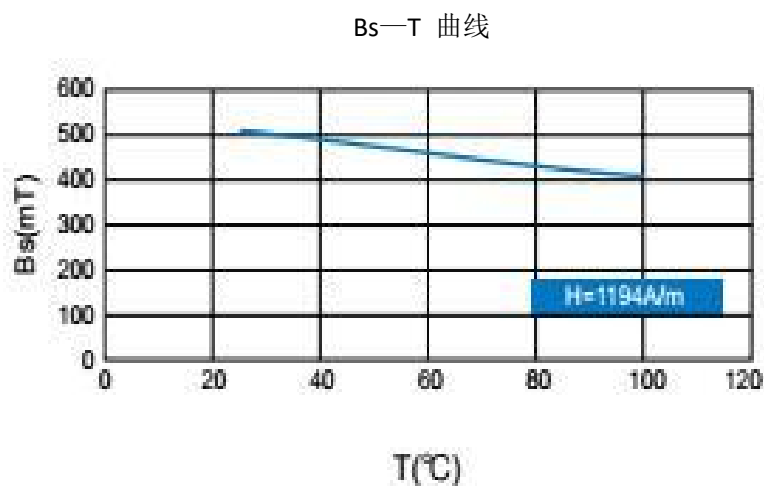
五：磁片特性 Material Characteristics:（附页）

5.1 主要参数 MAIN PARAMETERS

NO	参数	代号	单位	测试条件		BP40
1	起始磁导率 Initial penrmeability	Ui	\	25℃		2300±25%
2	饱和磁通密度 Saturation flux density	Bs	mT	H=1194A/m	25℃	510
					100℃	390
3	功率损耗 Pcv Power Loss	Pc	Kw/m ³	25℃,100kHz,200mT		650
				100℃,100kHz,200mT		450
4	居里温度 Curie temperature	Tc	℃			≥215
5	密度 Density	d	Kg/m ³			4.8×10 ³

5.2 材料特性曲线 Material Characteristics Curve





5.3 Appearance dimensions: AQL = 1.0 / Electrical performance (L): AQL = 0.65

① Cleanliness: The surface of the magnetic sheet is shiny, with uniform color and smooth texture, without obvious loose phenomena, etc. There shall be no dust or magnetic powder on the surface of the magnetic sheet that would affect the application of films or adhesives.

② Magnetic sheet detachment or damage: The allowable standard for each damaged area is a length of $\leq 5\text{mm}$, a width of $\leq 1.0\text{mm}$, and a depth of $\leq 0.5\text{mm}$. If two damaged areas are separated by 1mm or less, they are considered as one damaged area. Each product is allowed to have up to 3 damaged areas that meet this standard.

③ Cracks: The magnetic core is only allowed to have two cracks with a length less than 5mm and a width less than 0.5mm , and no cracks or delamination that affect the electromagnetic performance and mechanical strength of the magnetic core are permitted.

④ Front and Back Surfaces: The inspection is not required if the dimensions are within the tolerance range.

⑤ Crystalline spots and bright spots: The crystalline area on the grinding surface is $\leq 2\text{mm}^2$, and the number of such spots on one side is < 3 .

⑥ Surface Flatness: The depth of surface depression or protrusion is allowed to be $\leq 0.08\text{mm}$ (in principle, no obvious linear marks with a distinct feel are permitted).

⑦ Mechanical Strength: $\geq 1\text{kg}$ (Instrument: Zhiqi DSZ-500N pressure gauge)