



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:

★物料材质/Code

★送样数量/Samples Q' ty:

★发行日期/Issue Date:

MPP

MPP Single coil assembly

ferrite

3PCS

2024. 1. 18

制修订履历 (Record)	版本 Version	制/修订日期 Revise Date	制/修订内容 Revise Contents
	V2. 2	2024. 1. 18	新订 Newly ordered

★客户确认栏 (CUSTOMER CONFIRM)

Date of Receipt:
接收日期:Received by:
担当:

	★本公司确认栏(供应商) Confirmation column of our company (supplier)			
	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。 Quality policy, enterprising and innovative, striving for perfection and pursuing Excellence.

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	MPP single coil assembly
	规格/Part No	40.5 * 20.5 * 0.08 * 80p * 11ts, G42.5 * 19.5 * 1.0mm, double slot, lead 7 mm.
	日期/Date	2024/1/18
	版本/Version	V2.2
	拟定/Design By	曹恒兵
	审查/Check. By	
	审批/Approve By	
	Material code	

Shenzhen aozhixin electronic technology electronics co., ltd

Floor 4, Building 4, Silian Shantang Industrial Zone, Henggang Street, Longgang District, Shenzhen

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。
Improve packing

二、变更的规格说明/Request For New SPEC.

三、备注/Remark:

3.1 本产品符合环境关联物质的管理规定要求.

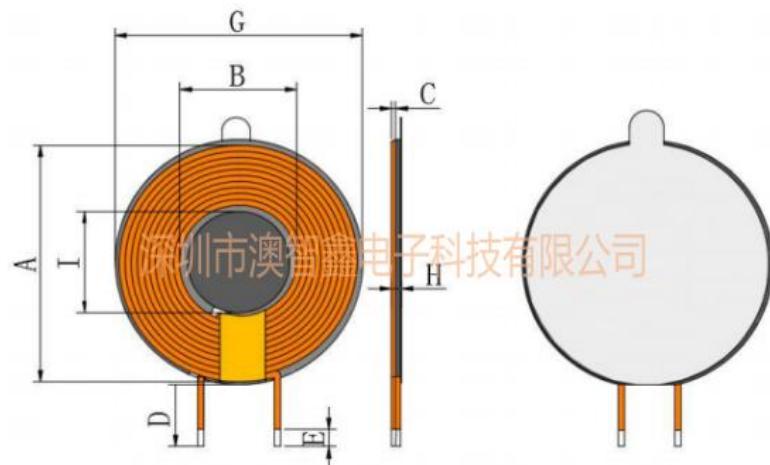
Above product comply to li yin Environmental material system requirement.

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!

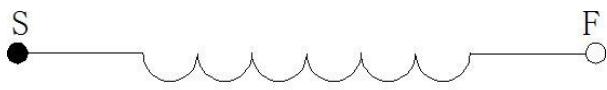
四、产品规格 /Product Specification

4.1 Appearance & size (Unit: mm)



A	40.5 ± 0.8
B	20.5 ± 0.5
C	1.06 ± 0.5
D	7 ± 2.0
E	3 ± 2.0
G	42.5 ± 0.6
I	19.5 ± 0.5
H	2.35 ± 0.15

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

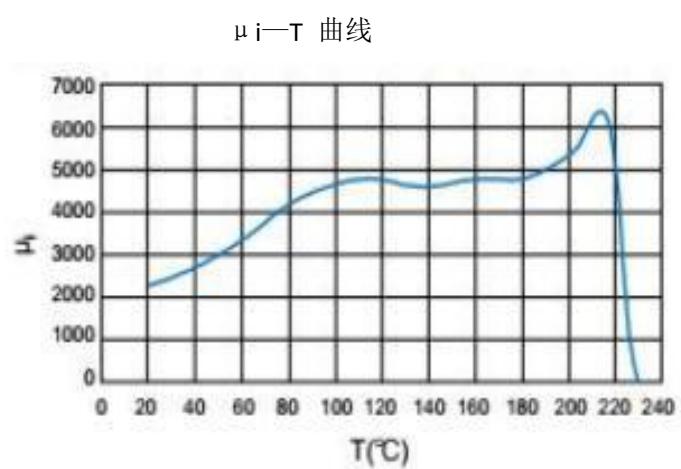
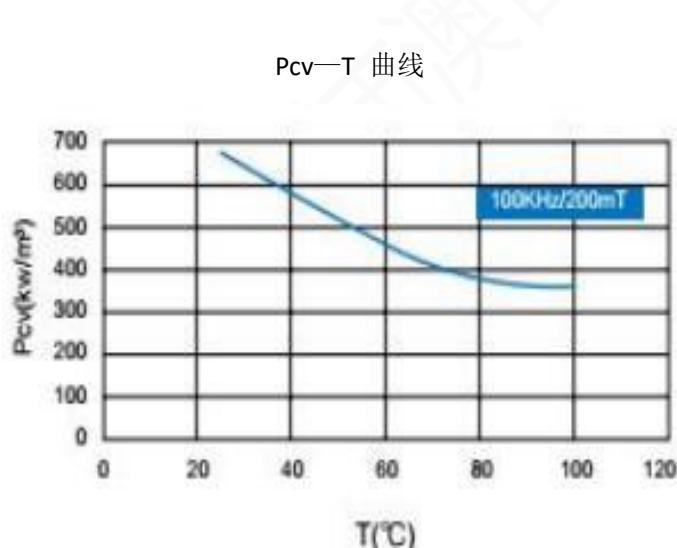
序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
1	LS	S-F	$8.2\text{uH} \pm 10\%$	100KHz/1.0V	TH2830
2	DCR	S-F	$51\text{m}\Omega \pm 10\%$		ZX5512B

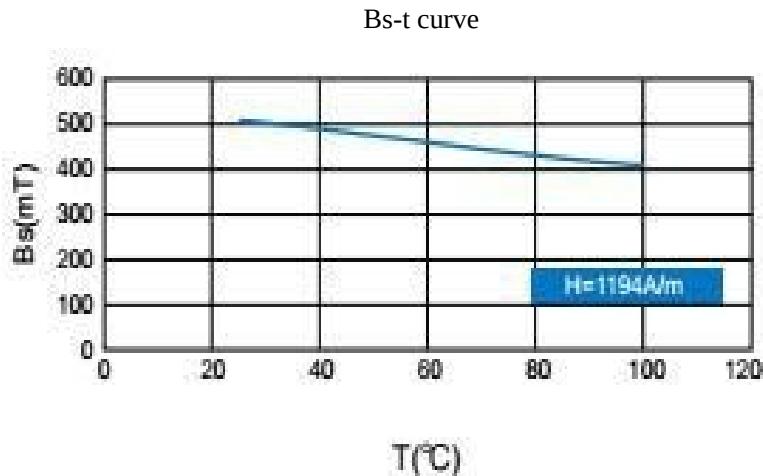
五：磁片特性 Material Characteristics: (附页)

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 permeability	Ui	\	25°C		2300±25%
2	饱和磁通密度 Saturation flux density	Bs	mT	H=1194A/m	25°C	510
					100°C	390
3	功率损耗 Pcv Power Loss	Pc	Kw/m³	25°C, 100kHz, 200mT		650
				100°C, 100kHz, 200mT		450
4	居里温度 Curie temperature	Tc	°C			≥215
5	密度 Density	d	Kg/m³			4.8×10³

5.2 材料特性曲线 Material Characteristics Curve





5.3 Appearance size: AQL=1.0/ electrical performance (L) :AQL=0.65.

- ① Cleanliness: The surface of the magnetic sheet is shiny, with uniform and smooth color and no obvious looseness. There must be no dust or magnetic powder on the surface of the magnetic sheet that affects the film sticking or gluing.
- ② Disruption and damage of magnetic disk: the allowable standards for each damaged part are $\leq 5\text{mm}$ in length, $\leq 1.0\text{mm}$ in width and $\leq 0.5\text{mm}$ in depth, and the interval between every two damaged parts is 1 mm. It is judged as a broken part, and each product is allowed to accept 3 broken parts within this standard.
- ③ Cracks: Only two inconspicuous cracks with a length less than 5mm and a width less than 0.5mm are allowed in the magnetic core, and cracks and delamination that affect the electromagnetic performance and mechanical strength of the magnetic core are not allowed.
- ④ Yin and Yang surfaces: the dimensions are within the tolerance range, so inspection is not required.
- ⑤ Crystal spots and bright spots: the crystals on the ground surface are $\leq 2\text{mm}$, and the number of single sides is < 3 .
- ⑥ Surface flatness: The allowable concave-convex depth of the surface is $\leq 0.08\text{mm}$ (in principle, there are no obvious line marks).
- ⑦ Mechanical strength: $\geq 1\text{kg}$ (instrument: intelligent DSZ-500N pressure gauge)