

## 深圳市澳智鑫电子科技电子有限公司



Shenzhen Aozhixin electronic technology electronic Co., LTD

## 样品承认书

## SPECIFICATION FOR FLASHLENS

★客户名称/Customer:	Shenzhen Huisen Technology Co., Ltd
★客户料号/Customer item:	
★产品型号/Product model:	W216
★物料描述/Description:	W216 Single coil assembly
★物料材质/Code	MnZn
★送样数量/Samples Q' ty:	3PCS
★发行日期/Issue Date:	2024.11.25

制修订履历 (Record)	版本 Version	制/修订日期 Revise Date	制/修订内容 Revise Contents
	H011	2024.11.25	New order

## ★客户确认栏 (CUSTOMER CONFIRM)

■ 声明: 本产品符合 ROHS REACH 标准 Statement: The products comply with ROHS REACH standard 确认后请回传, 谢谢! Please confirm and fax to us, thank you !	★The company confirmation column (supplier))		
	quality	Research and Development Department	
	QE 审核 Checked By	核 淮 Approved	审 核 Checked By
			制 定 Prepared By Wan Ye Cao Hengbing

Quality policy, enterprising innovation, excellence, the pursuit of excellence.

Form Number: Edition

## 产品承认书

## SPECIFICATION FOR APPROVAL

客户确认 /Customer Admit	客户名称/Customer	Shenzhen Huisen Technology Co., Ltd
	客户料号/Cust P/N	
	产品名称/Name	W216Single coil assembly
	规格/Part No	0.08 * 10^5 P * 10^4Ts, G50 * 5.3 * 1.0 mm, L-slot, lead wire 370 mm (capacitor, wiring)
	日期/Date	2024/11/25
	版本/Version	H011
	拟定/Design By	<i>Cao Hongbing</i>
	审查/Check. By	<i>Wan Yeduo</i>
	审批/Approve By	<i>JMK</i>
	检验员/inspector	<i>Liang ting</i>

Manufacturer:Shenzhen Aozhixin Electronic Technology Electronics Co., LTD  
 Address:4 / F, 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。

## 二、变更的规格说明/Request For New SPEC.

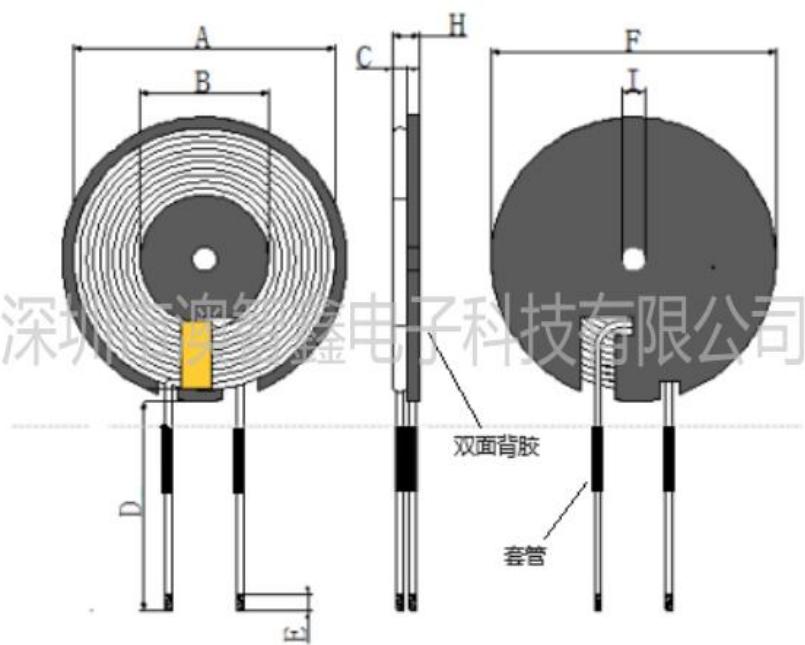
### 三、备注/Remark:

- 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 外观 & 尺寸 (Unit: mm)

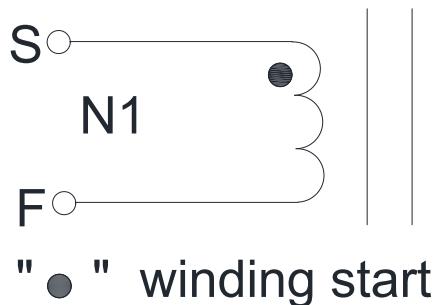


A	42.8±0.6
B	20.5±0.5
C	1.2±0.5
D	370±6.0
E	3.0±2.0
F	50±0.6
H	2.7Max
I	5.3ref

#### Notes:

1. Please ensure that the translation is accurate and error-free Single coil of silk-covered wire
2. Wrap the outboard position with 5-8mm (width) of 1.5Ts polyimide tape.
3. The coil body should not be loose and there should be no gap larger than 1/3 of the wire diameter.
4. The coil should be pasted at the center of the magnetic sheet.
5. The surface of the magnetic sheet should be smooth, with uniform color and no dust or magnetic powder that may affect the film application or adhesive.
6. The back of the magnetic sheet should be pasted with ordinary white double-sided tape.
7. Wrap a black heat shrink sleeve with a diameter of 2.0\*25mm around the welding area.

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		丝包线 0.08*105P	10Ts	CCW

4.4 电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:  $25 \pm 10^\circ C$ , 湿度 RELATIVE HUMIDITY:  $65 \pm 20\%$

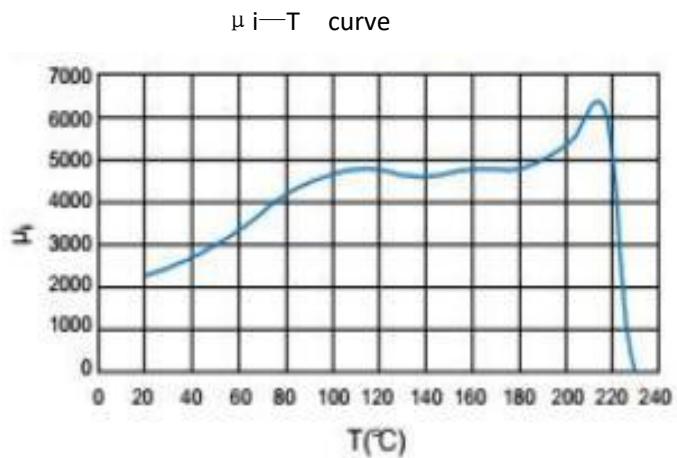
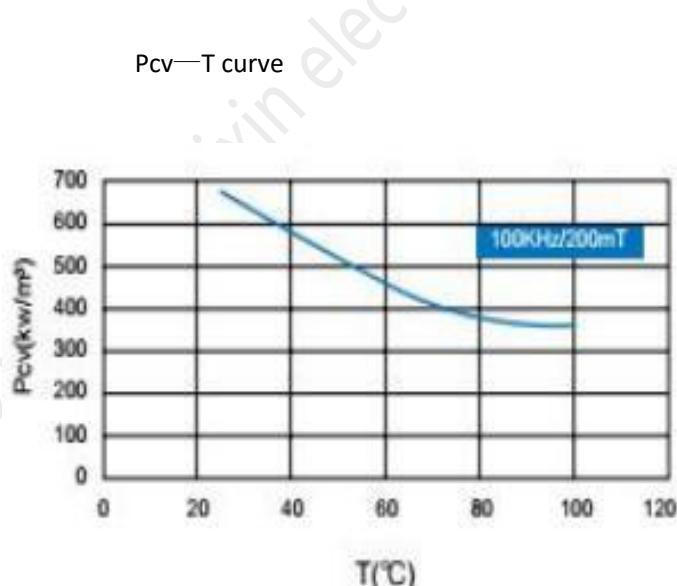
序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
1	LS	S-F	$6.9\mu H \pm 10\%$	100KHz/1.0V	TH2830
2	DCR	S-F	$62m\Omega \pm 10\%$		ZX5512B

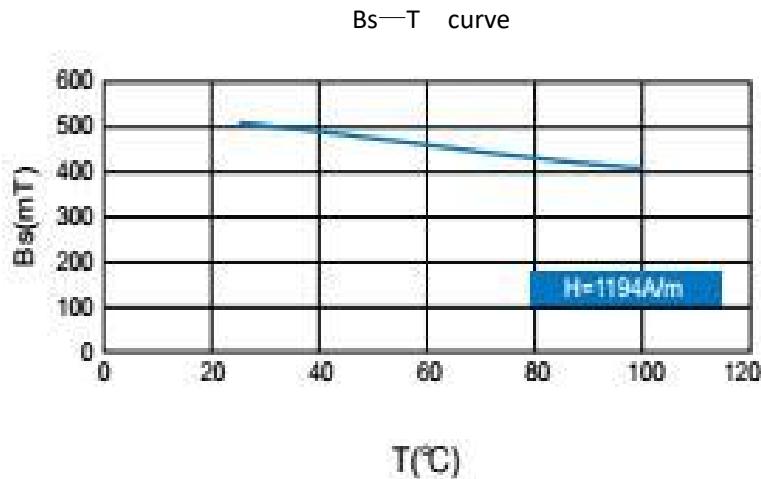
## 五：磁片特性 Material Characteristics: (附页)

## 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℃		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 <sup>3</sup>	25℃,100kHz,200mT		650
				100℃,100kHz,200mT		450
4	居里温度 Curie temperature	Tc	℃			≥215
5	密度 Density	d	Kg/m <sup>3</sup>			4.8×10 <sup>3</sup>

## 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 Cleaning: the surface of the magnetic disc luster, uniform color, smooth, no obvious loose phenomenon. The surface of the magnetic disc shall not have dust or magnetic powder that affects the film or glue Present.
- ② magnetic disc block, damage: the allowable standard for each damage is length  $\leq 5\text{mm}$ , width  $\leq 1.0\text{mm}$ , depth  $\leq 0.5\text{mm}$ , and the interval between each two damage places is 1mm  
The determination of the inside is a damage, and each product is allowed to accept 3 damages within this standard.
- ③ Crack: The magnetic core is only allowed to exist two long less than 5mm, width less than 0.5mm of the non-obvious crack exists, is not allowed to affect the magnetic core electromagnetic performance and Mechanical strength cracks and lamination.
- ④ Yin and Yang surface: the size is not inspected within the tolerance range.
- ⑤ Crystal spot, bright spot: grinding surface crystallization  $\leq 2\text{m}$ , the number of single sides  $< 3\text{.m}^2$
- ⑥ Surface flatness: the surface allows concave and convex depth  $\leq 0.08\text{mm}$  (in principle, it is not allowed to have obvious line marks).
- ⑦ Mechanical strength:  $\geq 1\text{kg}$  (Instrument: DSZ-500N pressure gauge)