



Shenzhen Aozhixin electronic technology electronic Co., LTD

SPECIFICATION FOR FLASHLENS

★Customer:	Kenrone Hardware (Huizhou) Co., Limited
★Customer item:	31102300000
★Product model:	W326
★Description:	W326 single-coil assembly
★Code	ferrite
★Samples Q' ty:	3PCS
★Issue Date:	2026.1.22

Revision History (Record)	Version	Revise Date	Revise Contents
	V2.1	2026.1.22	New order

★ (CUSTOMER CONFIRM)	
	Date of Receipt:
	Received by:

■ Statement: The products comply with ROHS REACH standard Please confirm and fax to us ,thank you !	★Company Confirmation Section (Supplier)			
	Quality	R&D Department		
	QE Review	Approved	Checked By	Prepared By
				Cao Bin

Quality policy, enterprising innovation, excellence, the pursuit of excellence.
Form Number: Edition

SPECIFICATION FOR FLASHLENS

Customer Admit	Customer	Kenrone Hardware (Huizhou) Co., Limited
	Cust P/N	31102300000
	Name	W326 single-coil assembly
	Part No	Magnet size: 54*46*20.5. Magnetic sheet: G43.5 with two slots. Outlet: 20MM.
	Date	2026/1/22
	Version	V2.1
	Design By	Cao Bin
	Check. By	
	Approve By	

Address: 4 / F, Building 4, Silian Shantang Industrial Zone, Henggang Street, Longgang District, Shenzhen

一、Sample Submission Reason

☒ 1. New SPEC ☐ 2. New Material ☐ 3. ECR ☐ 4. Improve packaging.

二、Request For New SPEC.

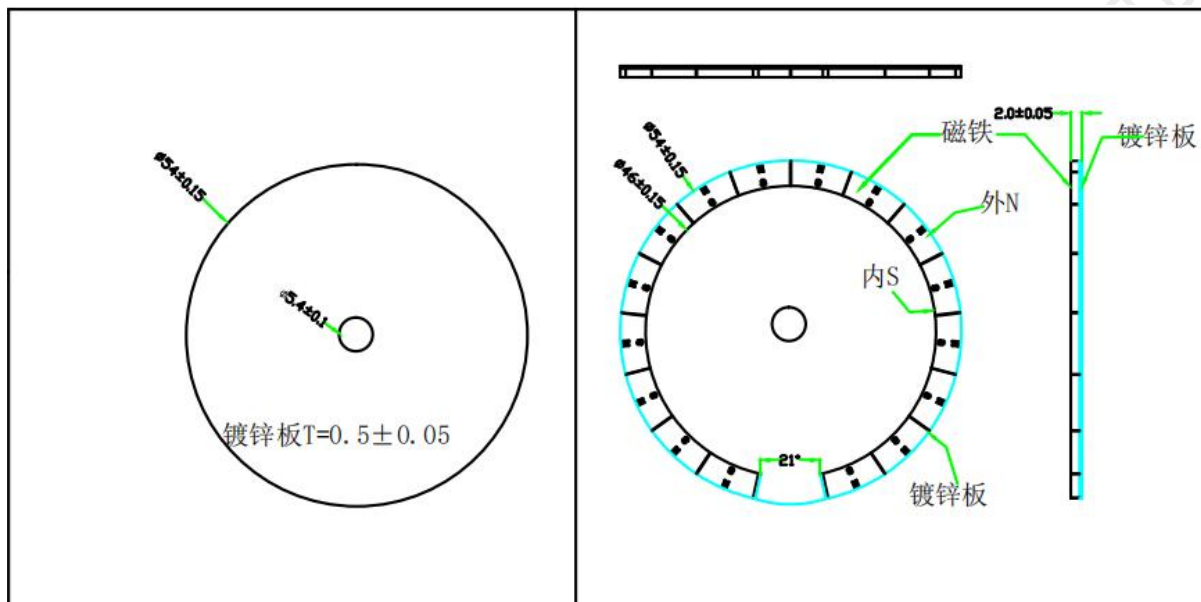
[illegible]

三、Remark:

- 3.1 Above product comply to li yin Environmental material system requirement.
- 3.2 In Event Of No Sign Back,We Will Under Take P.O. As Acceptance To Sample Approval!

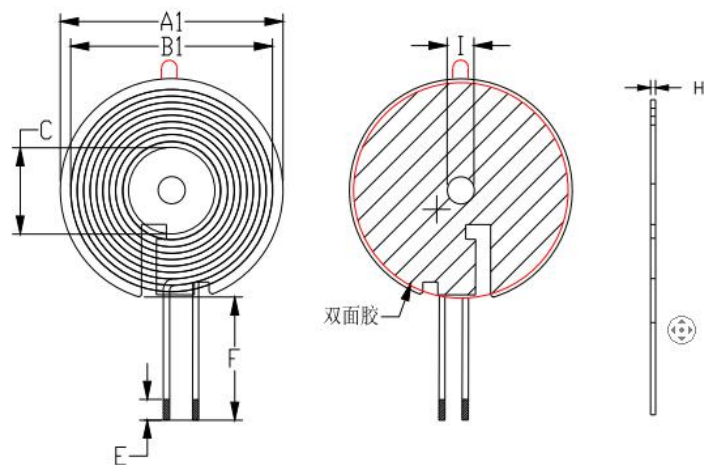
四、Product Specification

4.1 (Unit: mm)



Notes:

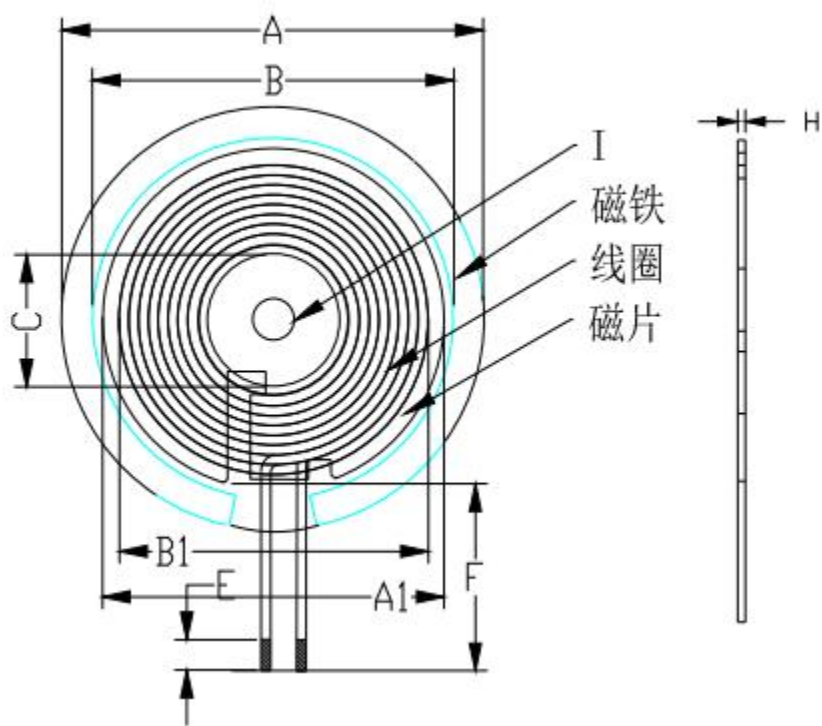
1. Material: Neodymium Iron Boron N52 + Galvanized Sheet
2. Surface treatment of the magnet: Galvanization (Gauss value 3800 ± 200)
3. Bipolar magnetization, magnetic pole distribution: Outer N, Inner S
4. Unmarked linear, form and position tolerance in accordance with GB/T 1804 – grade F



A1	43.5 ± 0.6
B1	37.5 ± 0.8
C	16.8 ± 0.6
E	3 ± 2.0
F	20 ± 3.0
I	5.3 ± 0.5
H	1.95 ± 0.15

Notes:

1. Litz wire single coil
2. At the outlet position, wrap 1.5Ts of 4mm (wide) 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 adhered to the exact center of the magnetic sheet
5. The surface of the magnetic sheet should be shiny, with uniform color, and there should be no dust or magnetic powder that affects the film application or adhesive

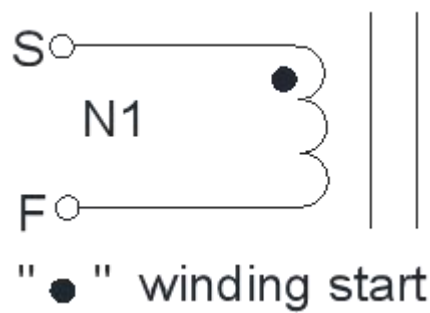


A	54±0.15
A1	43.5±0.6
B	46±0.15
B1	37.5±0.8
C	16.8±0.6
E	3±2.0
F	20±3.0
I	positioning hole
H	2.35±0.15

Notes:

1. The coil should be aligned centrally with the galvanized sheet, and it is not allowed to be off-center.
2. The leads of the coil are drawn out from the magnetic slot.

4.2 SCHEMATIC DIAGRAM:



4.3 Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Litz strand wire	11Ts	CCW

4.4 ELECTRICAL CHARACTERISTICS:

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

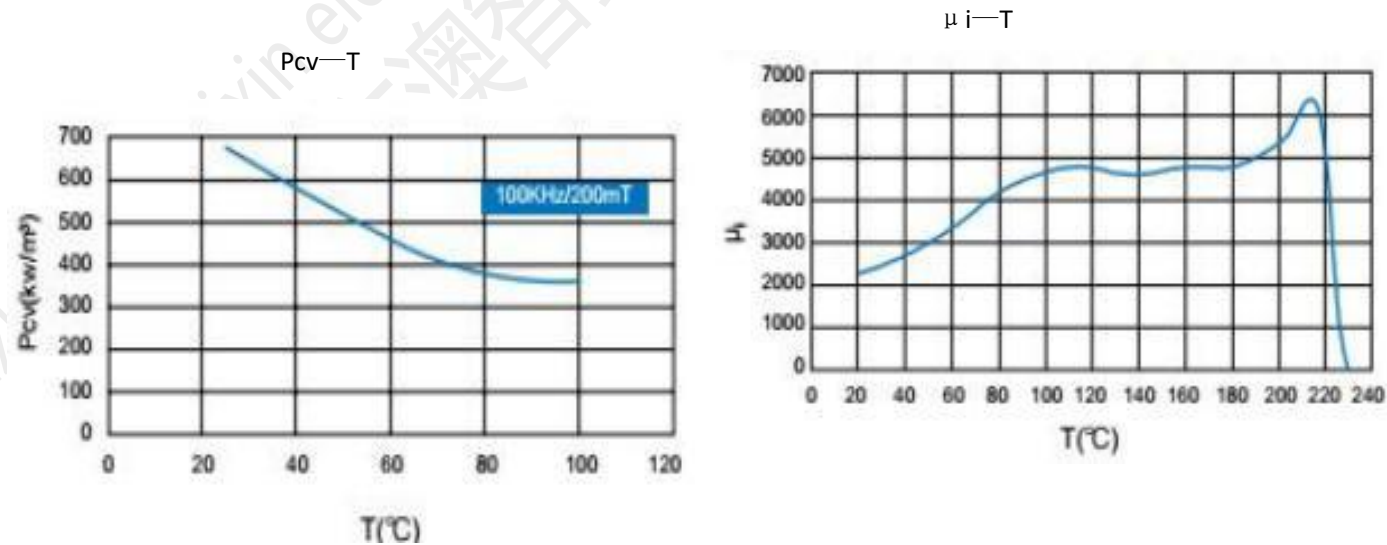
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TESTEQUIPMENTS
1	LS	S-F	6.5uH±0.2	100KHz/1.0V	TH2830
2	DCR	S-F	≤55mΩ		ZX5512B

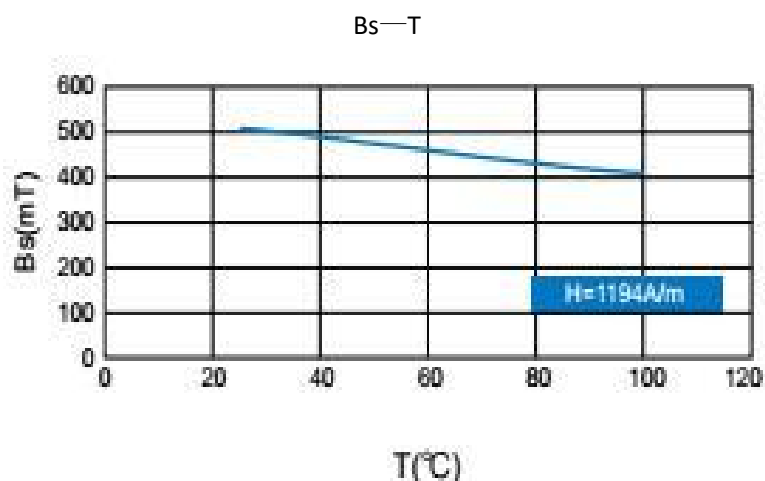
五: Material Characteristics:

5.1 MAIN PARAMETERS

NO	parameter	code name	unit	test condition		BP40
1	Initial penrmeability	Ui	\	25℃		2300±25%
2	Saturation flux density	Bs	mT	H=1194A/m	25℃	510
					100℃	390
3	Pcv Power Loss	Pc	Kw/m³	25℃,100kHz,200mT		650
				100℃,100kHz,200mT		450
4	Curie temperature	Tc	℃			≥215
5	Density	d	Kg/m³			4.8×10³

5.2 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)