

Component Approval Document

Supplier Full Name: Dongkou Shaowei Electronic Techniligy Co.,Ltd

Material name: Single Coil

Material Specifications: Watch Wiring Diagram \ Hard Magnet 25 * 2.6mm \ 0.08 * 24P \ 7.7uH-8.0uH \ Single Strand Double Layer with N52 Magnet \ Magnetic Force 3400Gs $\pm$ 200Gs \ Back Adhesive L=117mm \ Outlet Sleeve/Sleeve Length 95mm\

Mode: _____

Customer Name: Luoxin Electronics

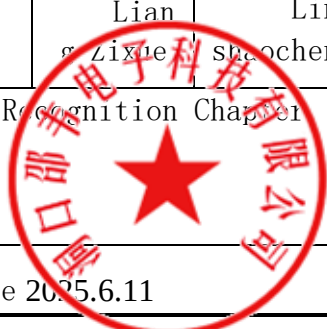
Customer Part No: E28A-00020

Sample Submission Date: 2025.6.11

Remarks: ☐ New Material ☐ Substitute Material ☐ Pre-substitute Model

Approval Result	☐ Qualified ☐ Non-Qualified
	Reasons for Non-Qualification:
	Handling of Non-Qualified Samples : ☐ Return to Procurement ☐ Destroy

Supplier Signature & Stamp		
Applicant	Quality	Approval
Zhang Hua	Lian g zixie 科技	Lin shaocheng
Recognition Chapter		
Date 2025.6.11		



Approval Signature & Stamp				
Applicant	Tester	Engineering	Quality	Approval
Recognition Chapter				
Date :				

Dongkou Shaowei Electronic Techniligy Co.,Ltd

变更记录

Dongkou Shaowei Electronic Techniligy Co.,Ltd

变更记录

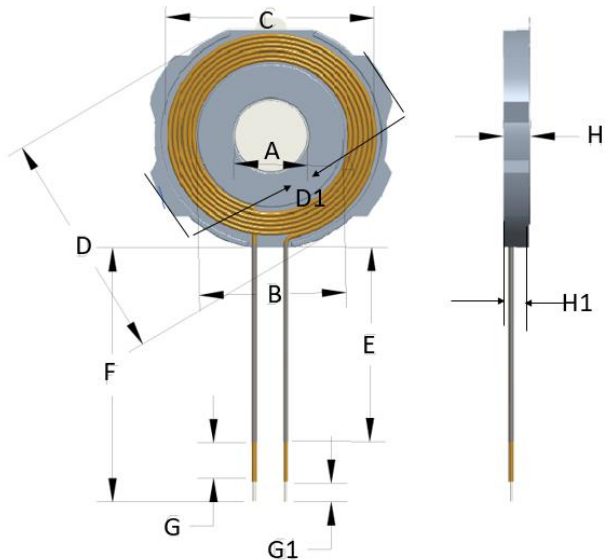
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Structural size

1. Dimensions: (Unit: mm)



	Parameter size MM
A	magnet 7.5 ± 0.2
B	14.5 ± 0.5
C	20 ± 1
D	23.2 ± 0.4
D1	25 ± 0.5
E	Heat pipe 95 ± 3
F	117 ± 4
G1	4 ± 1.5
H	2.8MAX (excluding release paper)
H1	2.6MM MAX

Notes:

1. Coil winding direction: Counterclockwise when viewed from the lead-in end.
2. Crossed leads; no loose wires.
3. Wire specification: LZ25BUEWS 0.08*24P
5. Lead soldering: Lead-free medium-temperature tin bar at $430^{\circ}\text{C}\pm5\%$, length $3\pm1.5\text{mm}$.
5. The strong magnet follows the apple scheme with the S pole facing upwards

2. Electrical Performance (L):

NO	Terminal	Test Condition	Instrument	DCR	nductance
1	S-F	100KHZ/1.0V	LCZ	$0.220\Omega\text{ MAX}$	$8.0\text{UH}\pm5\%$

3. Winding Parameters:

NO	Terminal		Wire Diameter	Turns	Winding Direction
1	S	F	0.08*24P	2	Counterclockwise

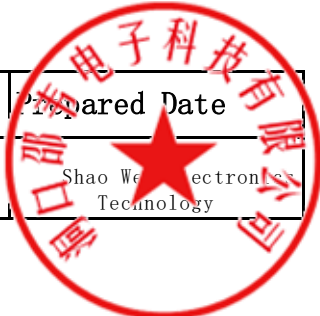
4. Schematic Diagram

S进线端

F出线端



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Product Test Data

NO	Inspection Item	Qty	Inspection Records					Method	Standard
1	Coil Inner Diameter: 14.5±0.5	5	14.8	14.73	14.72	14.72	14.81	Caliper	OK
2	Coil Outer Diamete: 20±1	5	20.1	19.8	20.3	20.3	20.2	Calipe	OK
3	Thickness2.8MAX (excl. paper)	5	2.65	2.68	2.71	2.61	2.63	Calipe	OK
4	Resistance: 0.22MAX Ω	5	0.181	0.182	0.180	0.185	0.186	Ohmmeter	OK
5	Inductance: 8.0UH±5%	5	7.98	8.0	8.05	7.96	8.01	LCR Meter	OK
6	Turns: 12Ts	5	12	12	12	12	12	Visual	OK
7	Lead Length: 117±4	5	117.8	118	119.5	118.5	117.8	Calipe	OK
8	Solder Length: 4±1.5	5	3.20	3.50	2.50	3.50	4.00	Calipe	OK

Pingtang Group, Bانشان Village, Gaoshan Town, Dongkou County, Shaoyang City, Hunan Province
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Bill of Materials

Bill of materials

number	Material name	Description	Material Code
1	Wire	0.08*24p Hot Twisted Wire	/
2	Ferrite	Dual-Slot Disc G25*7.5*2.5H	/
3	magnet	magnet 7.5* 2H galvanizing 3200 GS	/
4	glue	White glue	/
5	Double-Sided Adhesive	18 * 0.1H (with tearing handle)	/
6	Heat Shrink Tubing	Φ0.8*95MM	/

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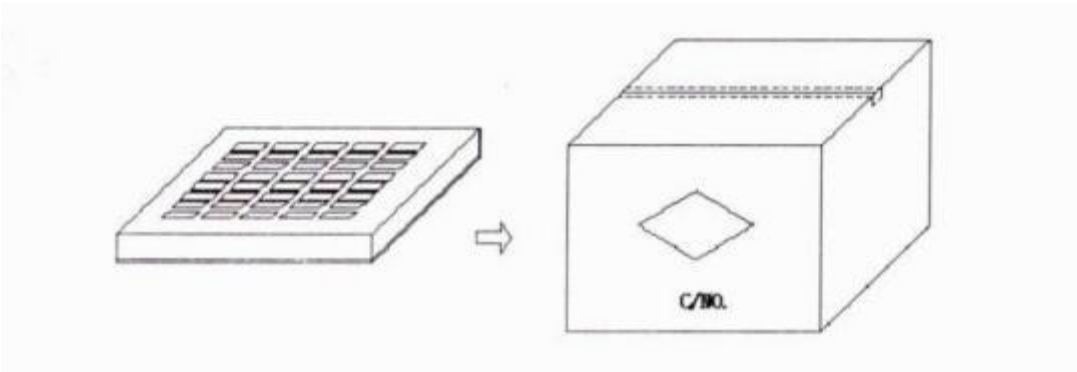
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Packaging party

一：Packaging Method

1.1: Image of packaging (refer to attached diagram)



1.2: Packaging Quantity & Specifications

Description	Quantity	Dimensions
Reel	220PCS	370*270*35MM
Carton	1320PCS	400*290*230MM

1.3:Standard reel packaging applies unless otherwise specified. Customization available upon request



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