Shenzhen Zhide Electronics Co., LTD

acknowledgement

SPECIFICATION FOR APPROVAL

visitor one-panelled door：	Sources
CUSTOMER:	
Customer number:	34200019
CUST P/N:	**ZD-WY**
Internal material number:	Ø20.5*39-0.08*24*2-10TS-35mm-5.3*43.5CC
LCX P/N:	
product model：	**2024/4/29**
DESC:	**A.1**
sun designated time：	
DATE:	
printing plate stem or root of plants：	
Version:	

智德电子

fabrication PREPARED BY	examine and verify CHECKED BY	ratify APPROVED BY	The customer acknowledged CUSTOMER APPROVE
Tian Peng 2024/1/24	Li Xiaogqi January 24,2024	Duan Renliang January 24,2024	

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ZD-GZ001

Product specification sheet SPECIFICATION Drawing number: ZD-WY	Version A/0	Produced by Tian Peng on April 9, 2024	Review: Duan Renliang 2024/4/9
	Page 2 of 4	customer code :	
specifications and models	Ø20.5*39-0.08*24*2-10TS- 35mm-5.3*43.5CC	Customer part number: 34200019	
		Internal part number: ZD-WY	

Version change history

Version Change History

edition Rev	Before change (Before Change)	After Change	Change date	ratify Approved By
A/0	First release	-----	2024/1/24	Duan Renliang
A/1	Double-sided tape is needed on both sides of the coil magnetic surface	The color of the back glue on the coil surface is changed (yellow)	2024/4/9	Duan Renliang

Bill Of Material

Bill of material

order number	name of material	Internal part number	Material specifications	unit	dosage	remarks
1	coil		Enamel wire 0.08*24P*2	can	2.813	
2	Hard disk		43.5*5.3*0.65	PCS	1	
3	gum		8 x 42.5 x 0.08 (thin model)	PCS	1	
	gum		8 x 42.5 x 0.08 (thin yellow)	pcs	1	

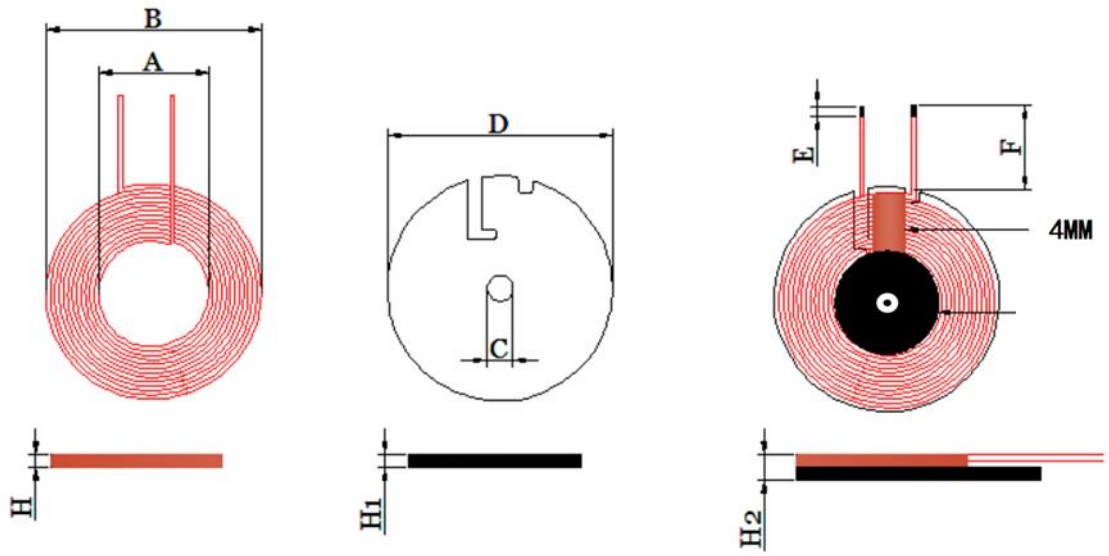
Product specification SPECIFICATION Drawing number: ZD-WY	printing plate stem or root of plants A / 1	Produced by Tian Peng on April 9, 2024	Review: Duan Ren-liang 2024/4/9
	Page 3 of 4	customer code :	

specifications and models	**Ø20.5*39-0.08*24*2-10TS-35mm-5.3*43.5CC**	Customer part number: 34200019	
		Internal part number: ZD-WY	

A		C	D			H	H1	H2					
										---			---
20.5 ±0.5	39-±1	5.3 ±0.5	43.5 ± 0.5			0.6 ± 0.1	0.65 ±0.1	1.5 ±0.4		---			---

1. DIMENSION: (mm) Winding die Ø20.5 coil weight: 2.673

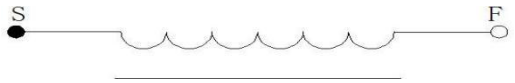
Note: The magnetic sheet coil is double-sided with double-sided back adhesive.



1. The coil is wound in the way shown in Figure 1, and the lead wires are crossed out.

2. The magnetic sheet specification is: 43.5*5.3*0.65 hard magnet.
3. The coil's start and end lines are attached to the magnetic sheet in reverse orientation. (The coil is not flat.) 4. Double-sided adhesive measuring D8*42.5*0.08mm is applied to the back of the magnetic sheet, while the coil side is covered with D8*42.5*0.08mm (yellow).

II. Schematic diagram:



Winding Specifications:

order number NO	terminal TERMINAL		Wire diameter	Wire decomposition temperature Temperature	number of turns Turns	Winding direction Winding Direction
L1	S	F	Enamel wire 2*0.08*24P*2	180-250 degrees	10TS	anticlockwise

IV. Electrical characteristics ELECTRICAL CHARACTERISTIC: Temperature TEMPERATURE: 25±10°C, humidity RELATIVE HUMIDITY: 65±20%						
order number NO	Disk material Disk material	feel measure	Q price	impedance DCR	Test conditions TEST FREQUENCY	measuring and test instruments TEST EQUIPMENTS
L1		4.0uH±10% (single coil)	>20	84mΩ±10%	100KHz/1.0V	4091C
L2	Hard disk	6.5uH±10% (fitting magnetic sheet)	>30	84mΩ±10%	100KHz/1.0V	4091C

V. Packaging method:

1. One box 9PCS
2. One layer of 360PCS
3. One box with five layers 1800PCS/case