



Shenzhen Chenxing Electronic Technology Co., Ltd.

Product Specifications

PRODUCT SPECIFICATION FOR APPROVAL

Customer Name:
CUSTOMER

Zhongshan Yongjiu Electronic Technology Co., Ltd.

Product Name:
PRODUCT NAME

Three-in-one coil

Material Code: **PART**
No.

30202-000051

Product Specifications:
PRODUCT SPEC

Sensitivity: 6.8uH±10% ; Magnetic
sheet dimensions: 43.5*5.3*0.65mm (double
slot); Wire dimensions: 0.08*24*2*12Ts (14mm inner diameter);
Cable length: 50mm (single slot); Cable
length: 3m; 9448A double-sided adhesive/3mm high-temperature tape/5*1.5mm N52 magnet.

day
DATE

Expect:
May 17 , 2025

Version Model:
VERSION

REV 1.0

Version Revision	Changes Modified Content	Responsible person Principle	date Date	Remark Note
REV 1.0	First release	Xue Lei	2025-05-17	

Designed by Li Xiaoyun	Reviewed by	Approved by
	Zhou Xiaoju	

Customer approval signature and stamp Authorized signature & company chop		
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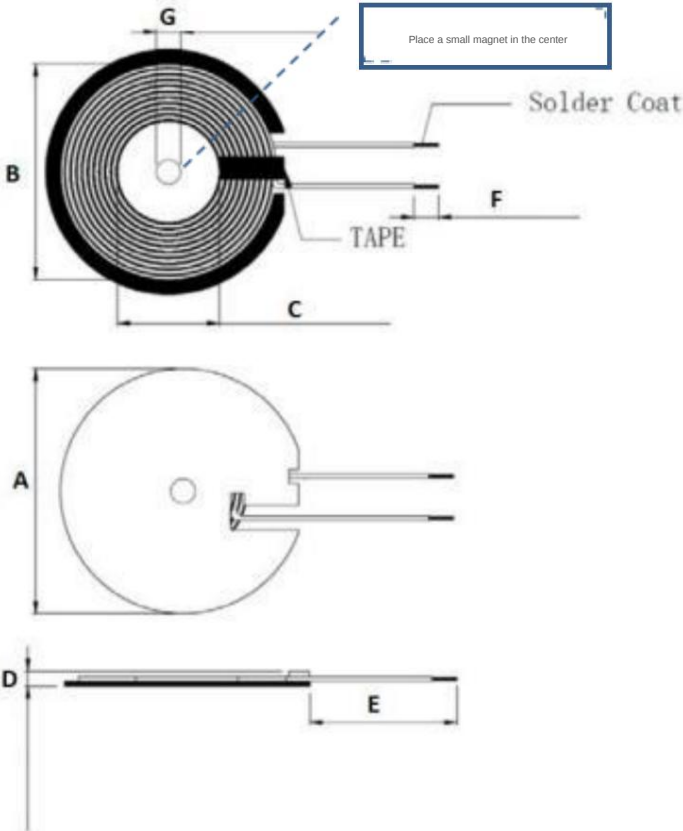
Attached is the product specification sheet. Please let us know if you have any questions. Thank you!



Product Specifications

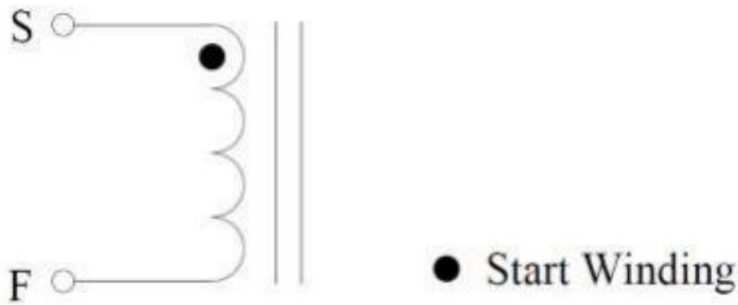
SPECIFICATION

I. Product Dimensions

	Magnetic sheet diameter A	43.5±0.5mm
	Coil outer diameter B	38.5±1mm
	Coil inner diameter C	14±0.5mm
	Product thickness D	<1.6mm
	Outgoing cable length E	50mm±3mm Single-slot cable output
	Solder length F	3±2mm
	Magnetic sheet opening diameter G	5.3±0.3mm
	Magnetic sheet thickness	0.65±0.05mm
	Magnetic sheet shape	Circular double groove
	Adhesive thickness	3M non-porous double-sided tape
	High temperature tape	3mm



II. Schematic Diagram



III. Winding Parameters

terminal		wire diameter	Number of laps	Winding direction
TERMINAL		WIRE	Turns	Winding Direction
S	F	0.08*24P enameled wire , double strands wound in parallel	12Ts	CCW

IV. Electrical Characteristics:

Temperature : 25±10°C; Humidity : 65±20%

project	terminal	standard	Test conditions	Testing instruments
ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	SF	L: 6.8uH±10%	100kHz/1.0V	LCZ METER 1062B

V. Product Photos

