



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

Mingjing Tian

PRODUCT NAME:

transmitting coil

PART No.:

G152-B51

PRODUCT SPEC:

Measurement specification: 8.4uH ± 10%  
Magnetic sheet specification: 43.5\*5.3\*0.65 dual slots + 20\*0.8 small round pieces  
Wire specification: Enamel wire 0.08\*80\*11Ts (inner diameter 21.7mm/ outer diameter 39.5mm)  
Wire exit length: 13mm  
Common double-sided adhesive tape

DATE:

July 16, 2024

VERSION:

REV1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	first publish	Xue Lei	July 16,2024	

PREPARED BY	CHECKED BY	APPROVED BY

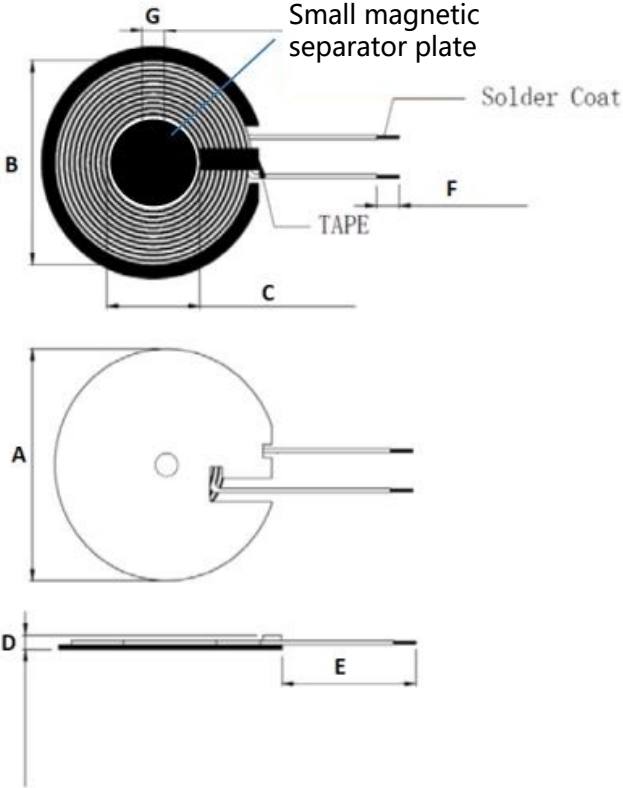
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Attached is the product specification document. If you have any questions, please feel free to contact us immediately. Thank you!



## SPECIFICATION

### 一、product size

	Disk diameter A	43.5±0.5mm
	Outer diameter of the coil B	39.5±1mm
	Inner diameter of the coil C	21.7±0.5mm
	Product thickness D	<2.0mm
	Outlining length E	13mm±2mm
	Welding rod length F	3±1mm
	Disk opening diameter G	5±0.3mm
	Disk thickness	0.65±0.05mm
	Disk shape	Circular double groove
	High-temperature adhesive tape width	8mm
	Backsheet thickness	Outer diameter: 42 mm, Inner diameter: 22 mm, Double-sided adhesive tape
	Small magnetic separator plate	20*0.8

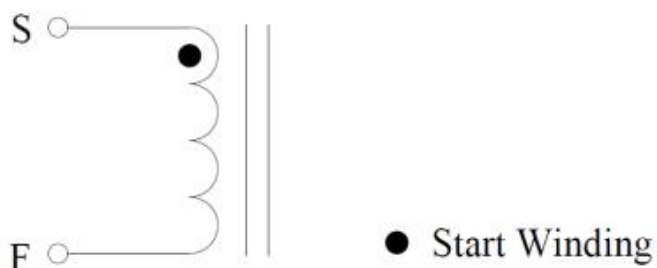
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Xin'an Street, Bao'an District, Shenzhen City



## 二、schematic diagram



## 三、Winding parameters

TERMINAL		WIRE	Turns	Winding Direction
S	F	Enamel-coated wire, 0.08 * 80P	11Ts	CCW

## 四、electrical specification:

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

ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	S-F	8.4uH±10%	100KHz/1.0V	LCZ METER 1062B