



Shenzhen Chenxing Electronic Technology Co., Ltd.

PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER	Mingjingtian
PRODUCT NAME	
PART No.	transmitting coil
	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	2024 年 07 月 16 日
VERSION	REV1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	first release	Xue Lei	2024-07-16	

PREPARED BY	CHECKED BY	APPROVED BY

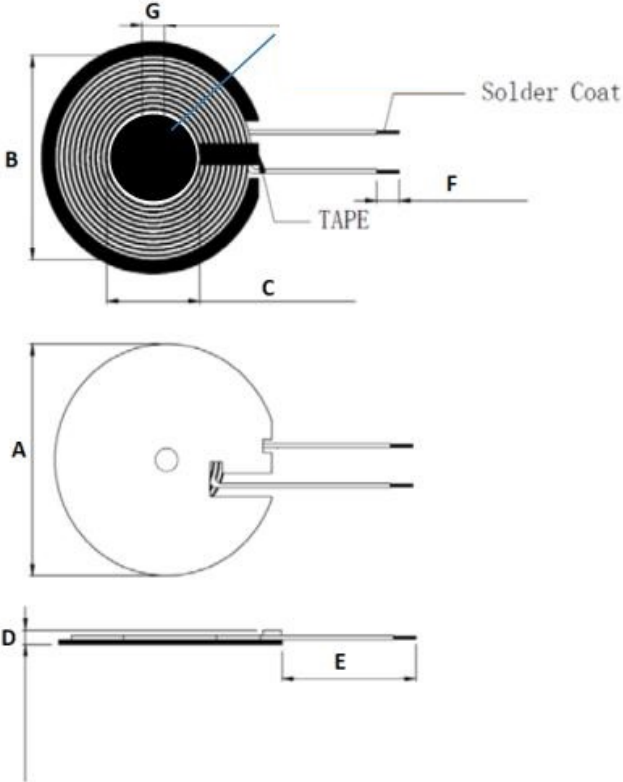
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Company Name: Shenzhen Chenxing Electronic Technology Co., Ltd.
Factory Address: Building 1, Xinkecheng Science and Technology Industrial Park, No. 51 Daobao Road, Xin'an Street, Bao'an District, Shenzhen City



SPECIFICATION

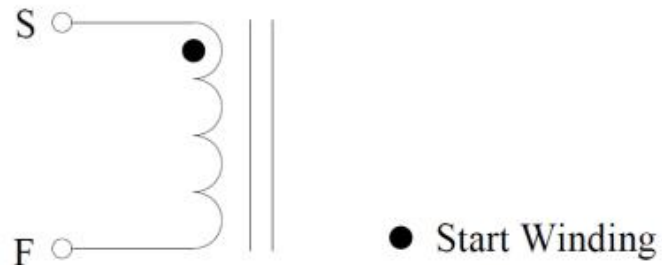
一、product size

	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
	Diameter of the opening on the magnetic disc 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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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	8.1uH±10%	100KHz/1.0V	LCZ METER 1062B