



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

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

Company Name: Shenzhen Chenxing Electronic Technology Co., Ltd.

Factory Address: Building 1, New Kecheng Science and Technology Industrial Park, No. 51 Daobao Road, Xin'an Street, Bao'an District, Shenzhen City



SPECIFICATION

一、product size

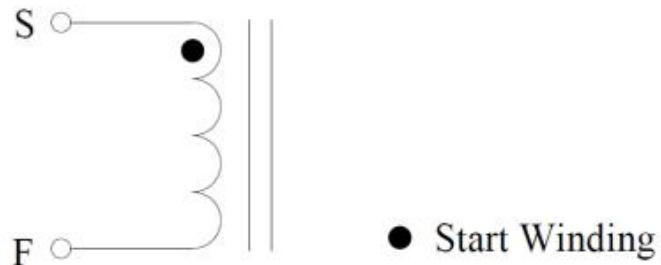
	Disk diameter A	$43.5 \pm 0.5\text{mm}$
Outer diameter of the coil B	$39.5 \pm 1\text{mm}$	
Inner diameter of the coil C	$21.7 \pm 0.5\text{mm}$	
Product thickness D	$<2.0\text{mm}$	
Outlining length E	$13\text{mm} \pm 2\text{mm}$	
Welding rod length F	$3 \pm 1\text{mm}$	
Disk opening diameter G	$5 \pm 0.3\text{mm}$	
Disk thickness	$0.65 \pm 0.05\text{mm}$	
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	8.4uH±10%	100KHz/1.0V	LCZ METER 1062B