



## PRODUCT SPECIFICATION FOR APPROVAL

**CUSTOMER:** Jingtian Ming

**PRODUCT NAME:** A11 transmitting coil

**PART No.:** 1107000224

**PRODUCT SPEC:** Sensitivity specification:  $6.5\mu\text{H} \pm 10\%$   
Magnetic specifications:  $43.5 * 5.3 * 0.8$  double slot  
Wire specifications:  $0.08 * 24 * 2 * 10\text{Ts}$  (20.5)  
Outgoing length: 50mm twisted wire  
Ordinary double-sided tape/3mm high-temperature tape/  
same slot outlet

**DATE:** 2025/06/07

**VERSION:** REV 1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	First release	Lei Xue	2025-06-07	

PREPARED BY	CHECKED BY	APPROVED BY

Authorized signature & company chop		
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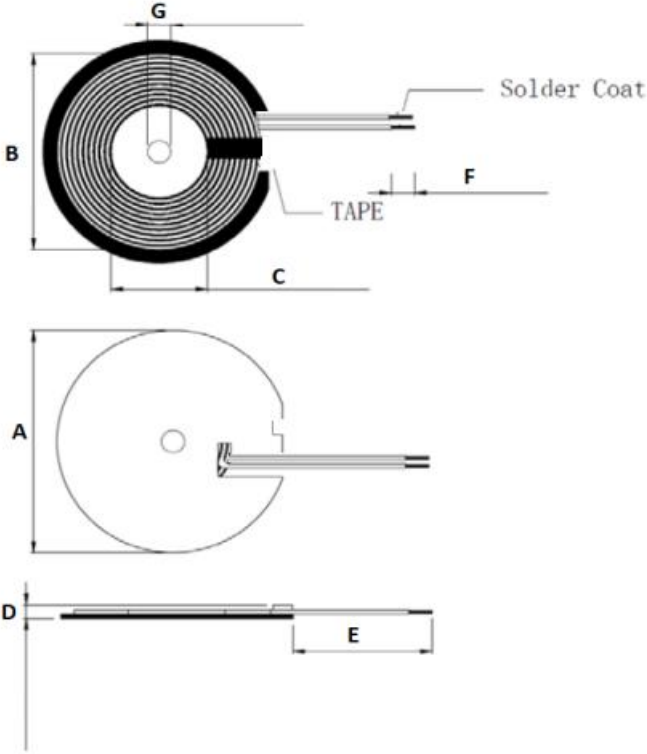
The above is the product specification for approval.

If you have any questions, please give us feedback in a timely manner. Thank you!



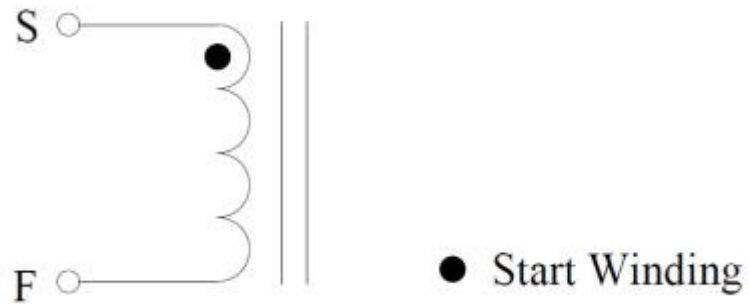
## SPECIFICATION

### 1、Product size

	Magnetic disc diameter A	$43.5 \pm 0.5 \text{mm}$
	Outer diameter of coil B	$39 \pm 1 \text{mm}$
	Inner diameter of coil C	$20.5 \pm 0.5 \text{mm}$
	Product thickness D	$< 1.8 \text{mm}$
	Line length E	$50 \text{mm} \pm 3 \text{mm}$
	Solder length F	$3 \pm 1 \text{mm}$
	Magnetic opening diameter G	$5 \pm 0.3 \text{mm}$
	Magnetic thickness	$0.8 \pm 0.05 \text{mm}$
	Magnetic disk shape	Circular double groove
	Adhesive thickness	Ordinary double-sided tape
	Specification of High Temperature Adhesive Tape	3mm tape



## 2、Schematic diagram



## 3、Winding parameters

TERMINAL		WIRE	Turns	Winding Direction
S	F	Enamel wire 0.08 * 24P (double stranded and wound)	10Ts	CCW

## 4、Electrical characteristics

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

ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	S-F	L: 6.5uH±10%	100KHz/1.0V	LCZ METER 1062B