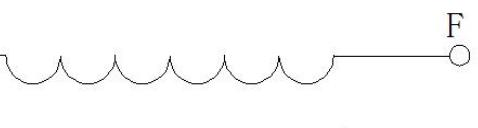
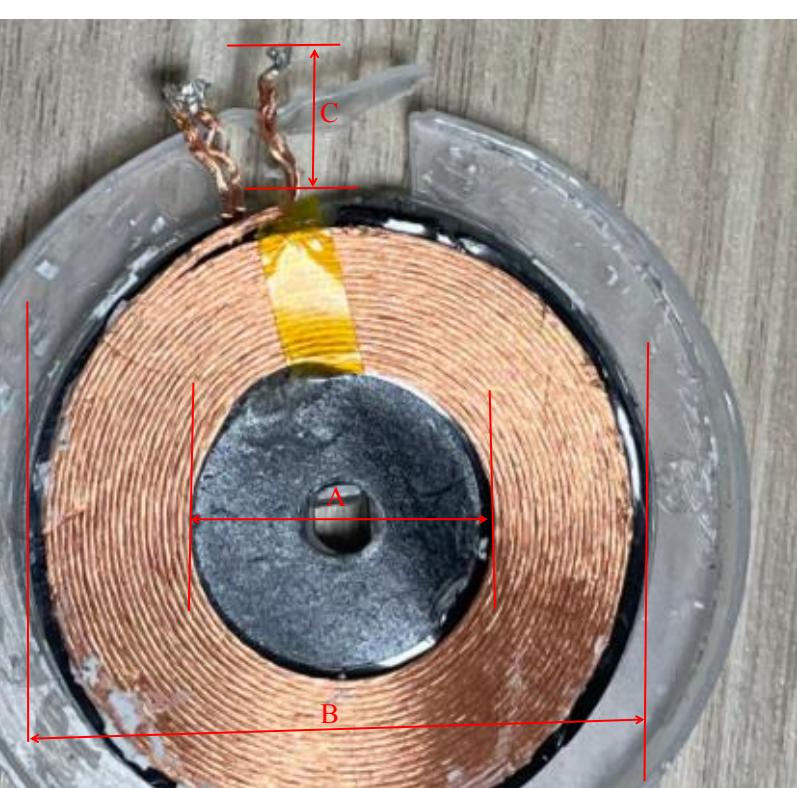


## **SPECIFICATION**

Manufacturer	Shenzhen Fan Kai Sheng trading Co., LTD
Address	801, Building B1, Zone B, Baoneng Science and Technology Park, Qinghu Industrial Zone, Bantian Street, Longgang District, Shenzhen, China
Product name:	WPC A11 coil
Model name:	WPC A11 coil
DATE:	2024/01/06
Version:	A.0

## Version Change History

## SPECIFICATION

DESC	Φ 19.5x45-6.5uH-0.1x24PX2P-45mm	Rev:	A.0
一、DIMENSION:(mm)		A	21±0.25
		B	41±1
		C	11.5±0.5
二、SCHEMATIC DIAGRAM:			
			
			<p>Note:</p> <ol style="list-style-type: none"> <li>1. Cross outgoing line;</li> <li>2. Wrap 7mm (ref) wide high-temperature adhesive tape 1-2Ts around the outlet position;</li> <li>3. The coil is attached to a circular hard magnetic disk with slots, with a magnetic disk size of <math>41 \pm 1\text{mm}</math>, and a thickness of <math>1.0 \pm 0.1\text{mm}</math>. The total thickness is <math>2.2 \pm 0.2\text{mm}</math></li> </ol>

三、Winding Specification:

NO.	TERMINAL	WIRE	Turns	Winding Direction
1	S	F	Hot air line 0.1*24PX2	10Ts

四、ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH ±20%Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±10%Adding magnetic disks	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	≤90mΩ	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	≥39	100KHz/1.0V	LCZ METER 502B

PREPARED BY/DATE

2024/01/06

CHECKED BY/DATE

2024/01/06