



Shenzhen Chenxing Electronic Technology Co., LTD

Product specification document

PRODUCT SPECIFICATION FOR APPROVAL

customer
name:

Han color electronic

product name:
PRODUCT NAME

Wireless charging transmitter coil — A 28 double coil

material code:

PART No.

Magnetic: 83 * 46 * 1

Product specification: Coil: 0.07 * 100 * 9Ts * 2

PRODUCT SPEC Inductance: 6.8 uH ± 10%

Ordinary double-sided adhesive tape / outlet line of 85mm

date:

On February 29,2024

DATE

Version and Model:

REV 1.0

VERSION

Versio n R evision	Change the content Modified Content	Respon sible person, Pr inciple	date Date	remarks N ote
REV 1.0	First release	Xue Lei	2024-02-29	
1				

Formulated / PREPARED BY	Review by / CHECKED BY	Approved by / APPROVED BY
Xiao-yun li	Zhou Xiaoju	Xue Lei

Customer approval, signature and seal Authorized signature & company chop		
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Attached is the product specification book, if you have any questions,
please timely feedback to us, thank you!

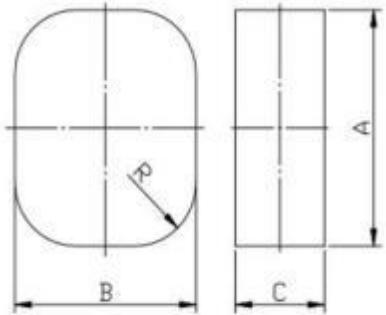
Company name: Shenzhen Chenxing Electronic Technology Co., LTD

Factory address: 5 / F, Building 1, Xinkecheng Science and Technology Industrial Park, No.51, Dabao Road, Xin'an Street, Bao'an District, Shenzhen



size of product SPECIFICATION

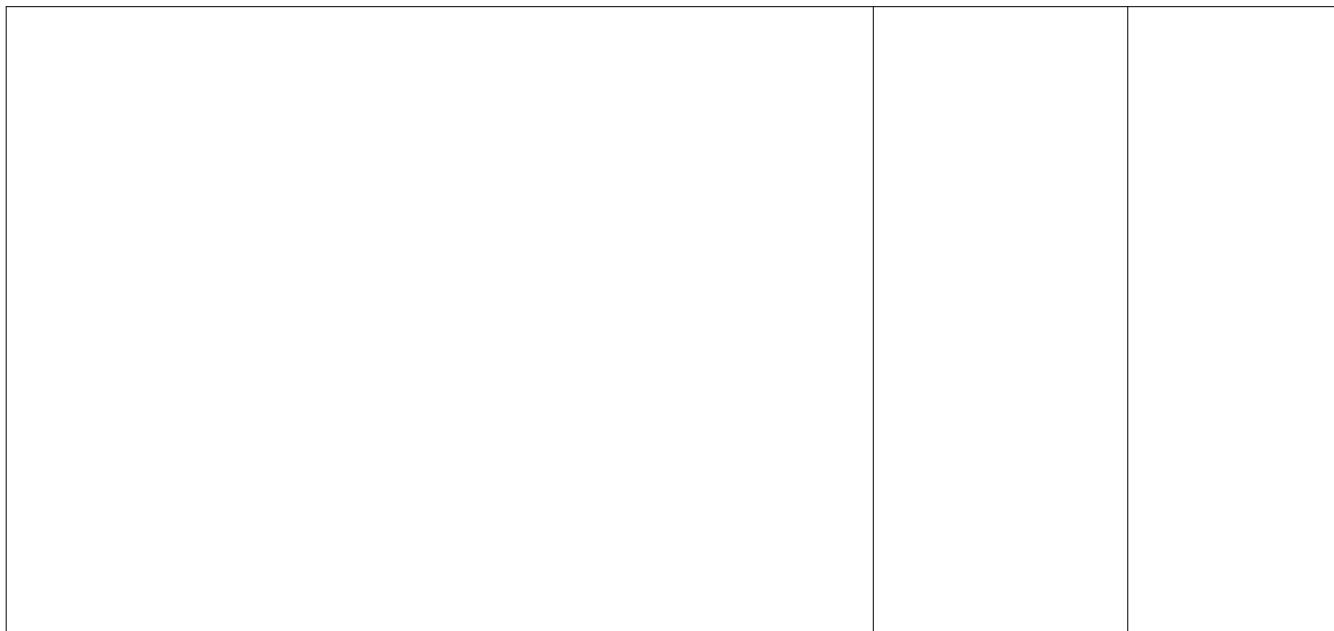
I. Product size

	Magchip length A	82.6±0.8mm
	Magchip width B	45.8±0.6mm
	angle of chamfer R	17±0.3mm
	Magnetic sheet thickness	0.95±0.1mm
	The outer diameter length of the coil	44.5±1mm
	The outer diameter width of the coil	37.5±1mm
	The inner diameter length of the coil	27.3±1mm
	Wire inner diameter width	20±1mm
	Product thickness	<3.8mm
	Welding tin length	4mm ±2mm
	Outline length	85mm ±5mm <small>sided</small>
	gum	Common double - tape

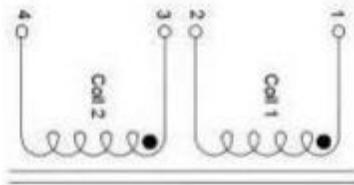
Operating frequency: 113kHz-205kHz
Antenna gain: 0dBi

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two, schematic diagram



3. Winding parameters

terminal TERMINAL	Line diameter WIRE	number of turns T turns	Winding direction is Winding Direction
S F	0.07 * 100P	9Ts	CCW

IV. Electrical characteristics:

Temperature TEMPERATURE: $25 \pm 10^\circ\text{C}$, humidity RELATIVE HUMIDITY: $65 \pm 20\%$

project ITEM	terminal TERMINAL	standard SPECIFICATION	test condition TEST FREQUENCY	measuring and test instruments TEST EQUIPMENTS
IND . inductance value	Coil # 1:1-2	.86uH $\pm 10\%$	100KHz /1.0Vrms	LCZ METER 1062

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	Coil # 2:3-4	.86uH ±10%	Ambient temperature: 25°C	
Q price	Coil # 1:1-2	60 (Min)		
	Coil # 2:3-4	60 (Min)		
Dc current impedance DCR	Coil # 1:1-2	75mOhm (Max)		
	Coil # 2:3-4	75mOhm (Max)		

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