



Shenzhen Chenxing Electronic
Technology Co., LTD

Product specification document

PRODUCT SPECIFICATION FOR APPROVAL

customer name: Han color electronic

product name: Wireless charging transmitter coil — A 28 double coil
PRODUCT NAME

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

Version Revision	Change the content Modified Content	Responsible person, Principle	date Date	remarks Note
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!



size of product SPECIFICATI O N

I. Product size

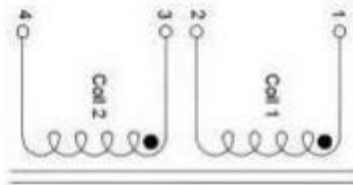
	Magchip length A	82.6±0.8mm
	Magchip width B	45.8±0.6mm
	angle of chamfer R	17±0.3mm
	Magnetic sheet thickness	0.95±0.1mm
	The outer diameter length of the coil	44.5±1mm
	The outer diameter width of the coil	37.5±1mm
	The inner diameter length of the coil	27.3±1mm
	Wire inner diameter width	20±1mm
	Product thickness	<3.8mm
	Welding tin length	4mm ±2mm
	Outline length	85mm ±5mm sided
	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 urns	Winding direction is Winding Direction
S	F	0.07 * 100P	9Ts	CCW

IV. Electrical characteristics:

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

project I TEM	terminal TERMINAL	standard SP E CIFICATION	test condition TEST FREQUENCY	measuring and test instruments TEST EQUIPMENTS
I ND . inductance value	Coil # 1:1-2	.86uH ±10%	100KHz /1.0Vrms	LCZ METER 1062



	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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