



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

PRODUCT NAME: Wireless charging coil

PART No.: A25428

PRODUCT SPEC:
Inductance: $6.5\mu\text{H} \pm 10\%$
Shielding spec: 43.5*8*0.65mm with two grooves
Wire spec: 2 UEW/155 0.08*24*2*12Ts (14mm inner diameter)
Segment Length: 33-35mm
3mm high temperature gold finger tape
Double Sided Adhesive Tape on shielding side
7.65*1.4mm N52 magnet

DATE: 2026/09/18

VERSION: A0

Revision	Modified Content	Principle	Date	Note
A0	First release-English Version	Xiaoju zhou	2026-09-18	
PREPARED BY		CHECKED BY	APPROVED BY	
				
Authorized signature & company chop				

Attached is the product specification , any questions, please timely feedback to us, thank you!



Version Change History

Revision	Before change	After change	Date	Approval by
A0			2026/09/18	周小菊



SPECIFICATION

一、Dimension specification

	Shielding Outer Diameter (A)	43.5±0.5mm
	Coil Outer Diameter (B)	38.5±1.5mm
	Coil Inner Diameter (C)	14±0.5mm
	Total Thickness (D)	<1.8mm
	Segment Length (E)	33-35mm
	Pin Length (F)	3±2mm
	Shielding Inner Diameter G	7.8±0.2mm
	Shielding thickness	0.65±0.05mm
	Magnet spec	7.65*1.4mm N52
	High temperature gold finger tape	3mm
	Adhesive Tape	Double Sided Adhesive Tape

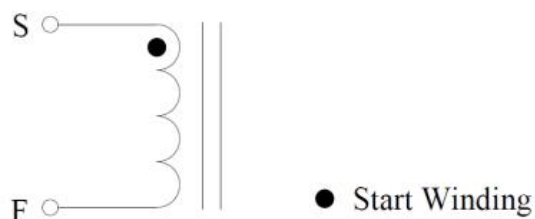
Operation Frequency:↵	100-400KHz↵
Antenna Type:↵	Loop coil antenna↵
Antenna gain:↵	OdBi↵
We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.↵	

Company: ShenZhen Chenxing Electronic Technology Co., Ltd.

Address: Room 510, Building NO. 1, Xinkecheng industrial park, 51 Dabao Road Baoan District Shenzhen City



二、Schematic character:



三、Coil Parameter:

TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW/155 0.08*24*2	12Ts	CCW

四、Electrical Specification:

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

ITEM	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
L	6.5uH±10%	100KHz/1.0V	VICTOR 4092D

五、Material List

ITEM	MATERIAL	SPEC
1	Copper Wire spec	0.08*24p 2UEW hot blown copper wire
2	Shielding	43.5*8*0.65mm with two grooves
3	Glue	water-based white latex glue
4	Solder	High-temperature lead-free solder bar
5	Adhesive Tape	Double Sided Adhesive Tape with peel tab
6	gold finger tape	3mm high temperature gold finger tape
7	Magnet	7.65*1.4mm N52