

Acknowledgement of Elements

name of a part	Plug-in magnetic ring coil inductance	material code	0403003-0014	Date of sample delivery	2025.06.13
supplier	Chenxing	Part specifications	Plug-in magnetic ring coil inductance: 6.5μH; 0.08×24×2×10TS (inner diameter 20.5mm); ±10%; wire length 42mm; folded line 1-2 mm; 43.5×5.3×0.5mm double groove; double-sided back adhesive; ROHS	Part version number	

Acknowledgement of the attached documentation to the book:

☐ (1) Product structure size

☐ (2) Parameters, standards and specifications (electronic materials: electrical parameters, dimensional parameters, hardware material parameters, dimensions)

☐ (3) Sample test record form

☐ (4) Experimental data resume

☐ (5) manner of packing

☐ (6) Material certificate

☐ (7) Safety certificate

☐ (8) MSDS (for chemicals; can be updated electronically on a regular basis)

☐ (9) Material composition list and third-party environmental test report (can be updated separately electronically on a regular basis)

☐ (10) other

Acknowledging the unit		
Recognizing human beings	auditor	approver

Longgang District, Shenzhen

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Document number (version number):PLT-QR-YF-023 A/0



Shenzhen Chenxing Electronic Technology Co., LTD

Product Specification

PRODUCT SPECIFICATION FOR APPROVAL

customer name :	Jin Xiang
CUSTOMER	
product name :	A11 ultra-thin coil
PRODUCT NAME	
material code :	0403003-0014
PART No.	
size of product :	Sensitization specification: 6.5uH±10% Disk specifications: 43.5*5.3*0.5 double slot Wire specification: 0.08*24*2*10Ts (20.5mm inner diameter) Wire length: 42mm single slot wire/outline 2mm 3mm high temperature tape/normal double-sided glue on the front/back
PRODUCT SPEC	
sun designated time :	June 03,2025
DATE	
Version and model:	REV 1.0
VERSION	

edition	Changes	person liable	date	remarks
Revision	Modified Content	Principle	Date	Note
REV 1.0	First release	Zhou Xiaojun	2025-06-03	

Formulate / Prepared by	Reviewed/checked by	Approved/APPROVED BY
Li Xiaoyun	Zhou Xiaojun	

Customer's authorized signature and seal		
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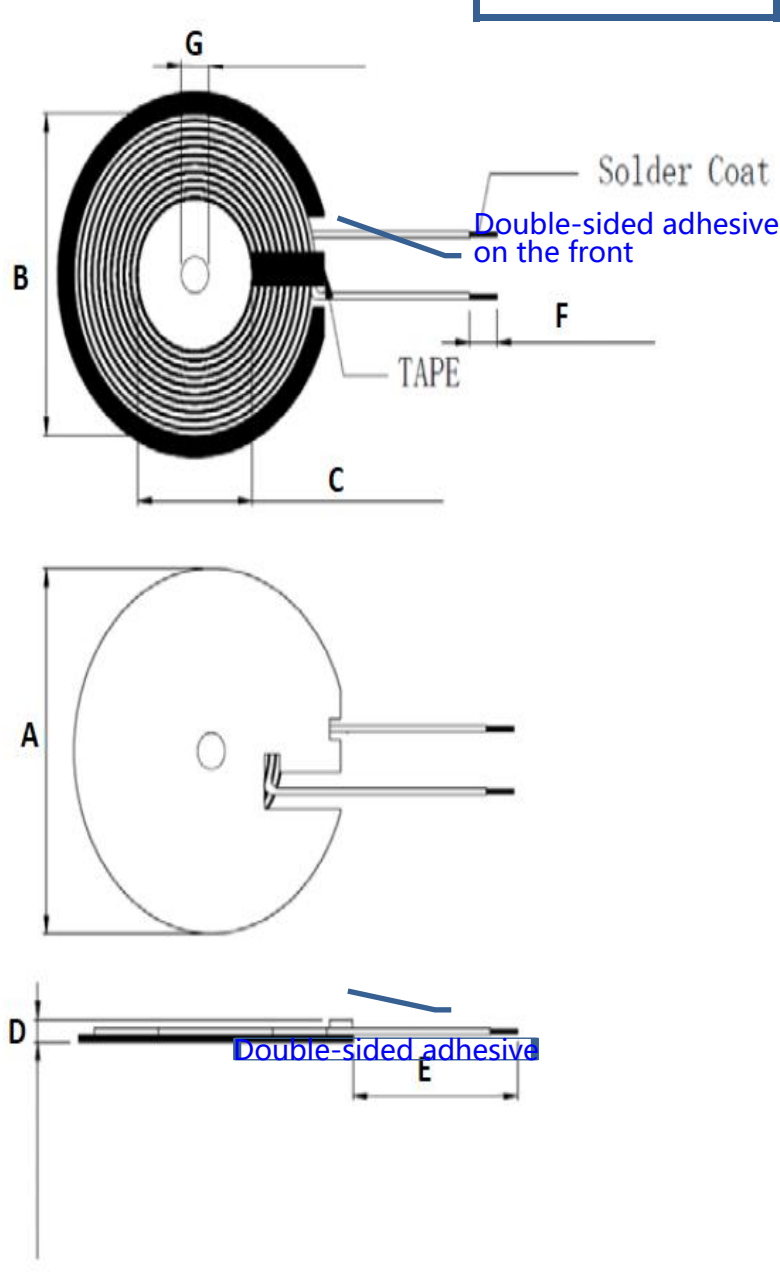
Attached is the product specification, if you have any questions, please feel free to contact us, thank you!



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Size of Product SPECIFICATION

I. Product Size

	Magnet diameter A	43.5±0.5mm
	Wire coil outer diameter B	39±1.5mm
	Inner diameter of coil C	20.5±0.5mm
	Product thickness D	The line at the fold is <1.6mm and other lines are <1.3mm
	Outgoing line length E	42mm±3mm
	Welding tin length F	3±2mm
	Hole diameter of magnetic disk G	5±0.3mm
	Thickness of magnetic sheet	0.5±0.05mm
	Disk shape	Round double trough
	Back thickness	Regular double-sided adhesive on both sides
Prevent crushing		N/A

	of black film	
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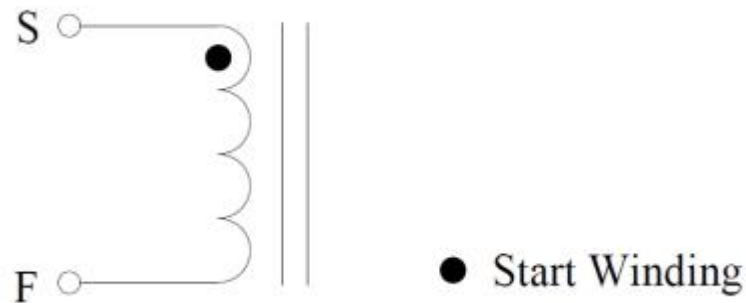
Company name: Shenzhen Chenxing Electronic Technology Co., LTD

Factory address: 5th Floor, Building 1, Xinkecheng Technology Industrial Park, 51 Dabao Road, Xinan Street, Baoan District, Shenzhen



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II. Principle Diagram



3. Winding Parameters

terminal TERMINAL		Wire diameter WIRE	number of turns Turns	direction of winding Winding Direction
S	F	Enamel wire 0.08*24P double strand and wound	10Ts	CCW

IV. Electrical Characteristics:

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

project ITEM	terminal TERMINAL	standard SPECIFICATION	test condition TEST FREQUENCY	measuring and test in- struments TEST EQUIPMENTS
IND.	S-F	L: $6.5\mu\text{H} \pm 10\%$	100KHz/1.0V	LCZ METER 1062B

V. Product Physical Picture:



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