



Shenzhen Chenxing Electronic Technology Co., LTD

Product Specification

PRODUCT SPECIFICATION FOR APPROVAL

customer name :	Lianxin Micro
CUSTOMER	
product name :	MPP transmitter coil
PRODUCT NAME	
material code :	Sensing specification: 8. 1uH±10%
PART No.	Magnet size: 42.4*0.4 single slot ferrite soft magnet +20*1 small round plate
size of product :	Wire specification: 0. 08*65*11Ts (21.7mm inner diameter/40mm outer diameter)
PRODUCT SPEC	Length of the tape: 28mm 3mm high temperature tape /41*25*0. 5mmEVA double-sided tape
designated time :	March 21,2025
DATE	
Version and model:	REV 1.2
VERSION	

edition	Changes	person liable	date	remarks
Revision	Modified Content	Principle	Date	Note
REV 1.0	First release	Xue Lei	2024-11-11	
REV 1.1	Add 0.5mmEVA double-sided tape later	Zhou Xiaoju	2025-03-21	
REV 1.2	The exit length is changed from 40mm to 38mm	Zhou Xiaoju	2025-05-26	

Formulate / Prepared by	Reviewed/checked by	Approved/APPROVED BY

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!

Company name: Shenzhen Chenxing Electronic Technology Co., LTD

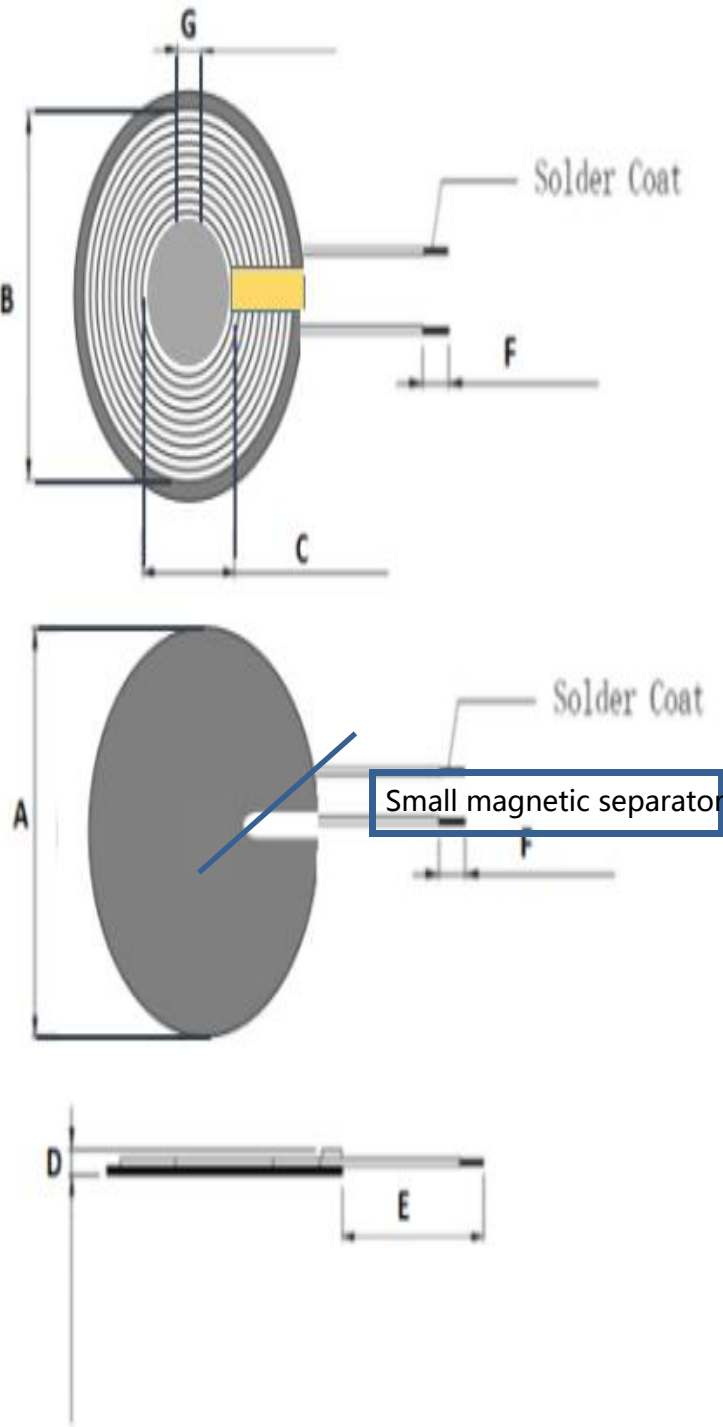
Factory address: 5th Floor, Building 1, Xinkecheng Technology Industrial Park, 51 Dabao Road, Xinan Street, Baoan District, Shenzhen



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Size of Product SPECIFICATION

I. Product Size

	Disk diameter A	42.4±0.3mm
	Wire coil outer diameter B	40±1mm
	Inner diameter of coil C	21.7±0.5mm
	Product thickness D	<2.1mm
	Outgoing line length E	38mm±2mm
	Welding tin length F	3-5mm
	Hole diameter of magnetic disk G	sclausura
	Thickness of magnetic sheet	0.4±0.05mm
	Disk shape	Round open slot
	gum	0.5mmEVA double-sided tape
	Specifications of small magnetic separator	20* 1 disc

	Hot tape	3mm
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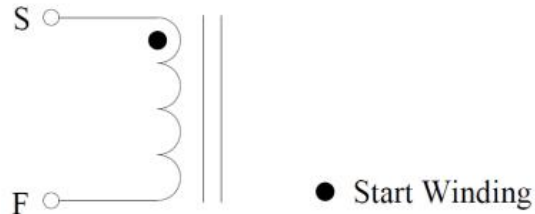
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II. Schematic Diagram



3. Winding Parameters

terminal TERMINAL		Wire diameter WIRE	number of turns Turns	direction of winding Winding Direction
S	F	Enamel wire 0.08*65	11Ts	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: $8.1\mu\text{H}\pm 10\%$ Q: Greater than 60	100KHz/1.0V	LCZ METER 1062B

V. List of Materials

order nu- mber	material	specifications
1	wire stock	0.08*65p 2 UEW-hot air copper wire
2	magnetic sheet	42.4*0.4 single slot (ferrite soft magnetic sheet) +20*1 hard magnetic sheet
3	glue	Water-based white latex
4	tin bar	Environmentally friendly and lead-free
5	adhesive tape	3mm high temperature tape

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VI. Physical Map



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