



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

PRODUCT NAME: MPP Wireless charging coil

PART No.:

PRODUCT SPEC:

Inductance: 7.8uH-8.3uH
Shielding spec: 42.5*5.3*0.8 with two grooves
+20*0.8circle(additional shielding)
Wire spec: 2 UEW/155 0.08*80*11Ts (21.7mm inner diameter)
Segment Length: 41mm with heat shrink tube
3mm high temperature gold finger tape
3M 9448A Double Sided Adhesive Tape on shielding side

DATE: 2026/05/27

VERSION: REV 1.0

Revision	Modified Content	Principle	Date	Note
REV 1.0	First release-English Version	Xiaoju zhou	2026-05-27	
PREPARED BY		CHECKED BY	APPROVED BY	

Authorized signature & company chop		
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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			2026/05/27	周小菊



SPECIFICATION

一、Shielding-42.5*5.3*0.8mm with two grooves

	*A	41.9-42.5mm
	*B	5.4±0.2mm
	*C	42±0.3mm
	E	3±0.3mm
	thickness	0.75±0.05mm
	F	12.1±0.4mm

二、Additional shielding-20*0.8

	A	20 ±0.50mm
	B	0.8±0.1mm

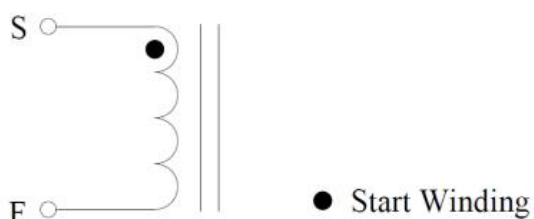


SPECIFICATION

三、Dimension specification

	Coil Outer Diameter (B)	40±1.5mm
	Coil Inner Diameter (C)	21.7±0.5mm
	Total Thickness (D)	<2.3mm
	Segment Length (E)	41±2mm
	Pin Length (F)	2mm-4mm
	High temperature gold finger tape	3mm
	Adhesive Tape	3M 9448A Double Sided Adhesive Tape

四、Schematic character:



五、Coil Parameter:

TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW/155 0.08*80	11Ts	CCW



六、Electrical Specification:

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

ITEM	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
L	7.8uH-8.3uH	100KHz/1.0V	VICTOR 4092D
Q	80 Min		
R	65mohm Max		

七、Material List

ITEM	MATERIAL	SPEC
1	Copper Wire spec	0.08*80p 2UEW hot blown copper wire
2	Shielding	42.5*5.3*0.8 with two grooves +20*0.8circle(additional shielding)
3	Glue	water-based white latex glue
4	Solder	High-temperature lead-free solder bar
5	Adhesive Tape	3M 9448A with peel tab
6	gold finger tape	3mm high temperature gold finger tape
7	Tube	heat shrink tube

八、Product Picture:

