



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

PRODUCT NAME: MPP Power Transmitter

PART No.: 0001.DZ.0010.0177

PRODUCT SPEC:

Inductance: $8.1\mu\text{H} \pm 10\%$
Shielding spec: $43.5 \times 5.3 \times 0.8$ with two grooves + 15×0.5 circle (additional shielding)
Wire spec: 2 UEW/155 0.08*75*12Ts (17.5mm inner diameter)
Segment Length: 40mm
Double Sided Adhesive Tape on shielding side
Maximum Operating Temperature: 120 °C

DATE: 2025/10/13

VERSION: REV 1.0

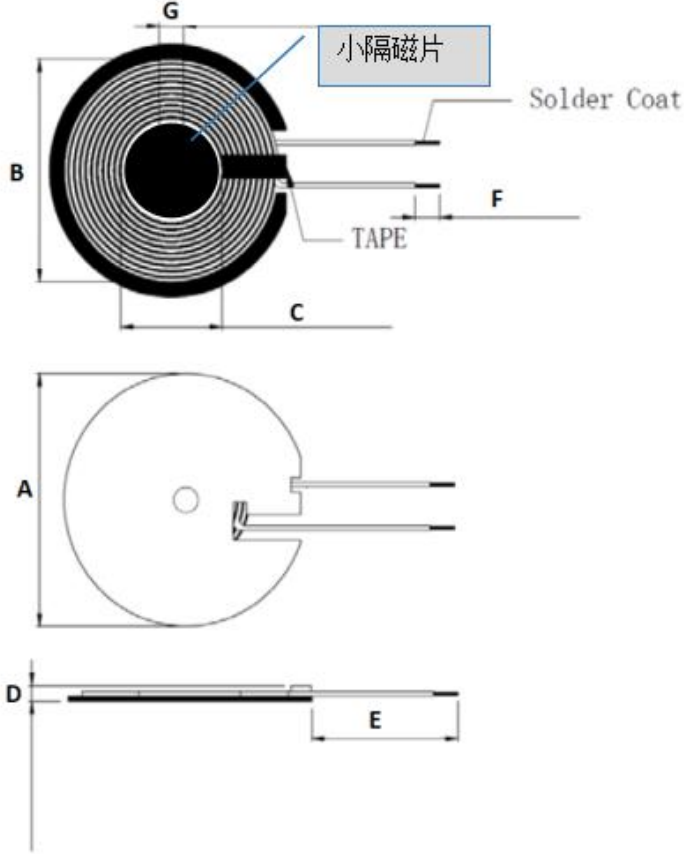
Revision	Modified Content	Principle	Date	Note
REV 1.0	First release-English version	Ray Xue	2025-10-13	
PREPARED BY		CHECKED BY	APPROVED BY	
Authorized signature & company chop				

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



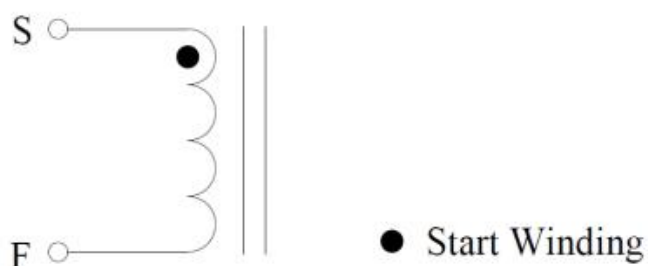
SPECIFICATION

一、Mechanical Specification:

	Shielding Outer Diameter (A)	43.5±0.5mm
	Shielding Inner Diameter (G)	5±0.3mm
	Coil Outer Diameter (B)	39±1.2mm
	Coil Inner Diameter (C)	17.5±0.5mm
	Total Thickness (D)	<2.3mm
	Segment Length (E)	40mm±3mm
	Pin Length (F)	3±1mm
	Shielding Thickness	0.8±0.05mm
	Shielding Shape	Circle with two grooves
	Adhesive Tape	Double Sided Adhesive Tape
	Additional shielding	15*0.5



二、Schematic:



三、Coil Parameter:

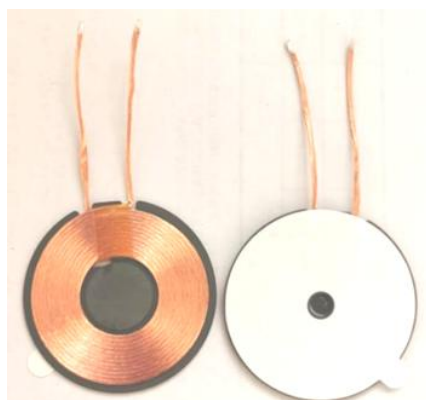
TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW/155 0.08*75	12Ts	CCW

四、Electrical Specification:

TEMPERATURE: $25 \pm 10^{\circ}\text{C}$, RELATIVE HUMIDITY: $65 \pm 20\%$

ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	S-F	L: $8.1\mu\text{H} \pm 10\%$ Q > 75	100KHz/1.0V	VICTOR 4092D

五、Product Picture:



III

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