



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER: Dongguan Ronghe Electronic Co., Ltd

PRODUCT NAME: MPP Power Transmitter (W602 QI2.0)

PART No.: 20.001-082

PRODUCT SPEC: Inductance: $8.1\mu\text{H} \pm 10\%$
Shielding spec: $43.5 \times 5.3 \times 0.65$ with two grooves+ 20×1 circle (additional shielding)
Wire spec: 2 UEW/155 $0.08 \times 75 \times 11$ Ts (20.5mm inner diameter)
Segment Length: 9mm
3M Double Sided Adhesive Tape on shielding side

DATE: 2024/10/28

VERSION: REV 1.2

Revision	Modified Content	Principle	Date	Note
REV 1.0	First release	Ray Xue	2024-09-10	
REV 1.1	1: 小磁片厚度从0.8mm改为1mm 2: 大磁片厚度从0.8mm改为0.65mm 3: 线材从0.08*80改为0.08*75 4: 内径从21.7改为20.5	Xiaoju Zhou	2024-09-19	
REV 1.2	English Version	Xiaoju Zhou	2024-10-28	
PREPARED BY		CHECKED BY	APPROVED BY	

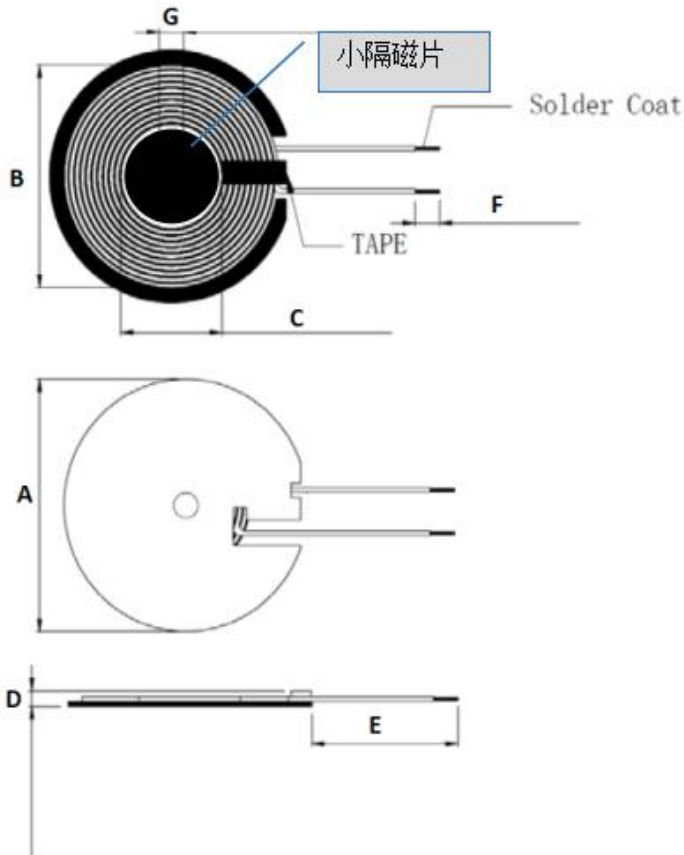
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Attached is the product specification , any questions, please timely feedback to us, thank you!



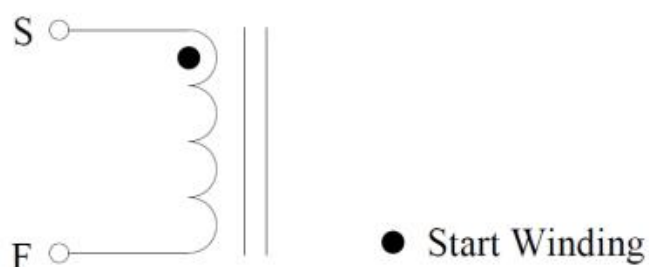
SPECIFICATION

一、Mechanical Specification:

	Shielding Outer Diameter (A)	43±0.5mm
	Shielding Inner Diameter (G)	5±0.3mm
	Coil Outer Diameter (B)	39.5±1mm
	Coil Inner Diameter (C)	20.5±0.5mm
	Total Thickness (D)	<2.3mm
	Segment Length (E)	9mm±2mm
	Pin Length (F)	3±2mm
	Shielding Thickness	0.65±0.05mm
	Shielding Shape	Circle with two grooves
	Adhesive Tape	3M 9448A Double Sided Adhesive Tape
	Additional shielding	20*1



二、Schematic:



三、Coil Parameter:

TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW/155 0.08*75	11Ts	CCW

四、Electrical Specification:

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

ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
IND.	S-F	L: 8.1uH±10% Q: >75	100KHz/1.0V	LCZ METER 1062B

五、Product Picture:

