



Shenzhen Chenxing Electronic Technology Co., Ltd.

PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

PRODUCT NAME: MPP Power Transmitter

PART No.: 0403003-0155

PRODUCT SPEC:

Inductance: $8.1\mu\text{H} \pm 10\%$

Shielding spec: 42.4×0.4 with a groove soft ferrite material
+ 18×0.8 circle (additional shielding)

Wire spec: 2 UEW/155 $0.08 \times 65 \times 11$ Ts (21.7mm inner diameter)

Segment Length: 35mm

3mm high temperature gold finger tape

40×21 mm Double Sided Adhesive Tape on coil side

DATE: 2025/10/16

VERSION: REV 1.0

Supplier Approve

PREPARED BY		CHECKED BY		APPROVED BY	
李小云		周小菊			
Revision	Modified Content	Principle	Date	Note	
REV 1.0	First release-English Version	Xiaoju zhou	2025-10-16		
PREPARED BY		CHECKED BY		APPROVED BY	

Customer Approve

Authorized signature & company chop		

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



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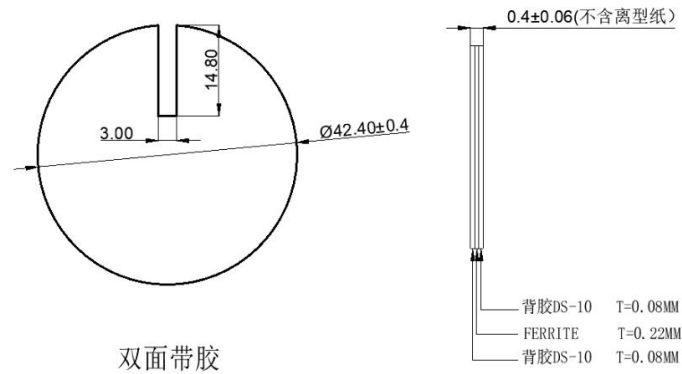
Version Change History

Revision	Before change	After change	Date	Approval by



SPECIFICATION

一、Ferrite 1:

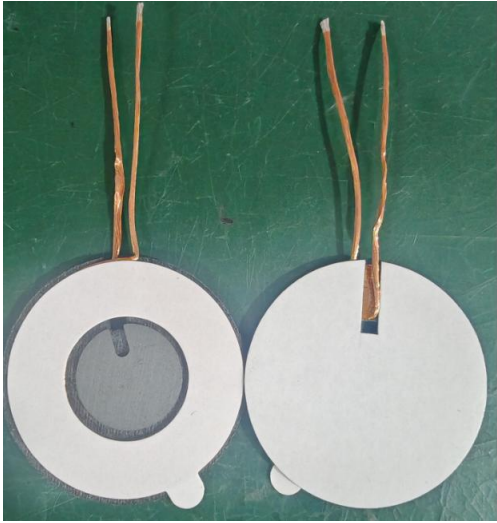


二、Ferrite 2 (additional) :

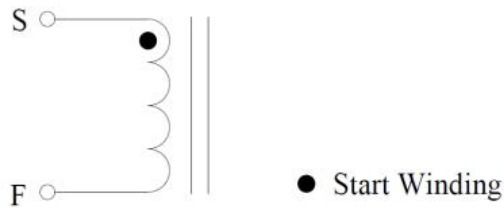
	A	18 ± 0.40
	B	2.4 ± 0.3
	C	0.8 ± 0.08
	D	5.4 ± 0.3



三、Dimension specification

	Coil Outer Diameter	40±1mm
	Coil Inner Diameter	21.7±0.5mm
	Total Thickness	Max<2.1mm Surrounds<1.4mm
	Segment Length	35mm±3mm
	Pin Length	3±2mm
	High temperature gold finger tape	3mm

四、Schematic:



五、Coil Parameter:

TERMINAL		WIRE	Turns	Winding Direction
S	F	2UEW/155 0.08*65	11Ts	CCW

六、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: >65	100KHz/1.0V	VICTOR 4092D

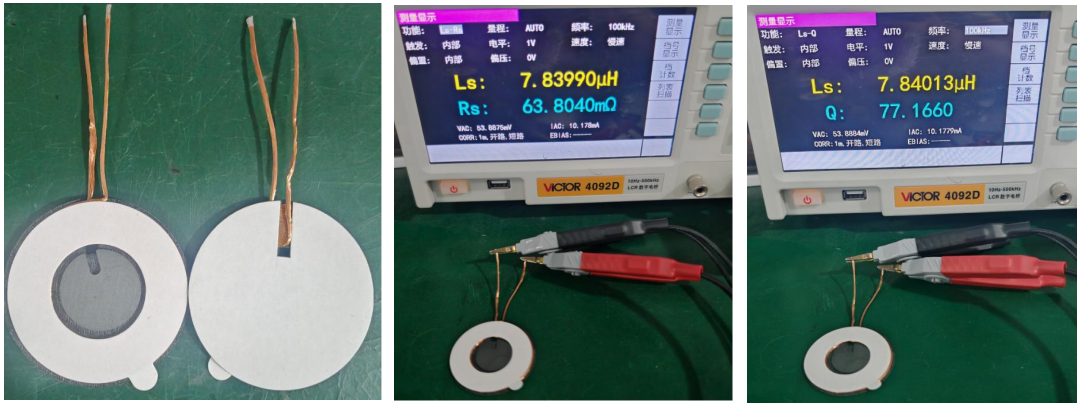


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七、Environment character:

项目 ITEM	标准 SPECIFICATION
工作温度和湿度 Operating Temperature and Humidity	-30°C-80°C/30%-90%
存储温度和湿度 Storage Temperature and Humidity	-40°C-90°C/30%-90%

八、Product Picture:



Company: ShenZhen Chenxing Electronic Technology Co., Ltd.

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