



## PRODUCT SPECIFICATION FOR APPROVAL

**CUSTOMER:**

**PRODUCT NAME:** MPP Power Transmitter

**PART No.:** 33-42050-002

**PRODUCT SPEC:**

Inductance:  $8.0\mu\text{H} \pm 10\%$   
Shielding spec:  $42.5 \times 5.3 \times 0.65$  with two grooves  
+20\*1circle(additional shielding)  
Wire spec: 2 UEW/155  $0.08 \times 65 \times 11\text{T}$ s  
(20.5mm inner diameter)  
Segment Length: 36mm  
6mm high temperature gold finger/Double Sided  
Adhesive Tape on shielding side

**DATE:** 2025/07/23

**VERSION:** REV 1.0

| Revision                                       | Modified Content              | Principle         | Date               | Note |
|------------------------------------------------|-------------------------------|-------------------|--------------------|------|
| REV 1.0                                        | First release-English Version | Xiaoju zhou       | 2025-07-23         |      |
| <b>PREPARED BY</b>                             |                               | <b>CHECKED BY</b> | <b>APPROVED BY</b> |      |
|                                                |                               |                   |                    |      |
| <b>Authorized signature &amp; company chop</b> |                               |                   |                    |      |

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



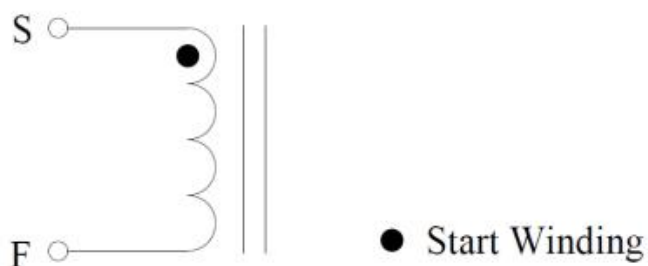
## SPECIFICATION

### 一、Mechanical Specification:

|  |                                   |                         |
|--|-----------------------------------|-------------------------|
|  | Shielding Outer Diameter(A)       | 42.5±0.5mm              |
|  | Shielding Inner Diameter(G)       | 5±0.3mm                 |
|  | Coil Outer Diameter (B)           | 40±1mm                  |
|  | Coil Inner Diameter (C)           | 20.5±0.5mm              |
|  | Total Thickness (D)               | <1.8mm                  |
|  | Segment Length (E)                | 36mm±2mm                |
|  | Pin Length (F)                    | 3±1mm                   |
|  | Shielding Thickness               | 0.65±0.05mm             |
|  | Shielding Shape                   | Circle with two grooves |
|  | High temperature gold finger tape | 6mm                     |
|  | Adhesive Tape                     | Double Sided            |
|  | Additional shielding              | 20*1                    |



## 二、Schematic:



## 三、Coil Parameter:

| TERMINAL |   | WIRE             | Turns | Winding Direction |
|----------|---|------------------|-------|-------------------|
| S        | F | 2UEW/155 0.08*65 | 11Ts  | 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: $8.0\mu\text{H} \pm 10\%$<br>Q: $> 75$ | 100KHz/1.0V    | LCZ METER 1062B |

## 五、Product Picture:

