

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2023/9/16 | C. Chen  |

## TECHNICAL DATA

### ► Electrical Data

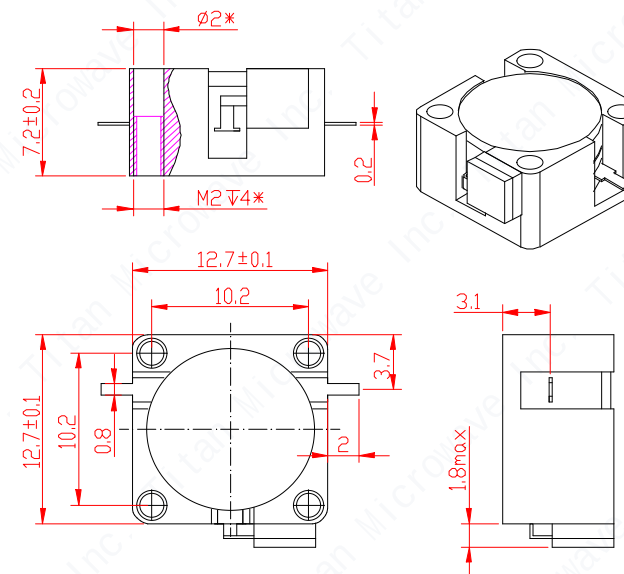
|                 |           |
|-----------------|-----------|
| Frequency Range | 5~6GHz    |
| Insertion Loss  | 0.5dB max |
| VSWR            | 1.3:1 max |
| Isolation       | 18dB min  |
| Forward Power   | 60W       |
| Reverse Power   | 20W       |
| Direction       | Clockwise |
| Impedance       | 50 Ohms   |

### ► Mechanical Data

|                |                 |
|----------------|-----------------|
| Dimensions     | 12.7×12.7×7.2mm |
| Connector Type | Stripline       |
| Material       | Aluminum        |
| Surface Finish | Nickel Plated   |
| Weight         | 6g              |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+75℃ |
| Storage Temperature   | -50℃~+90℃ |



#### Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                      |       |          |                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                    |  |  |  |
|--------------------------------------|-------|----------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| DRAWN: L. Ma 16/09/23                |       |          | <div>TITLE:</div> <div>Drop-in Isolator</div> <div>5-6GHz,</div> <div>60W</div> | <div><div><div><div></div><div></div></div><div>成都巨人微波</div><div>TITAN MICROWAVE INC.</div><div>A Professional RF &amp; Microwave Components Supplier</div></div><div>www.titan-microwave.com</div></div> |                                                                                                                                                                    |  |  |  |
| ENGINEER: J. Zhu 16/09/23            |       |          |                                                                                 | <div>PART No.:</div> <div>TMDI-05000600-60</div>                                                                                                                                                          | <div><div><div><div></div><div></div></div><div></div></div><div>DIMENSIONS IN MILLIMETERS(mm)</div></div>                                                         |  |  |  |
| APPROVED: C. Chen 16/09/23           |       |          |                                                                                 |                                                                                                                                                                                                           | <div><div>SIZE:</div><div>A4</div></div> <div><div>SCALE:</div><div></div></div> <div><div>SHEET:</div><div>1/1</div></div> <div><div>REV:</div><div>A</div></div> |  |  |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                    |  |  |  |
| x                                    | ±0.50 | [0.019"] |                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                    |  |  |  |
| .x                                   | ±0.20 | [0.008"] |                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                    |  |  |  |
| .xx                                  | ±0.10 | [0.004"] |                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                    |  |  |  |
| ANGLES                               | ±1°   |          |                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                    |  |  |  |