

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

## TECHNICAL DATA

### ► Electrical Data

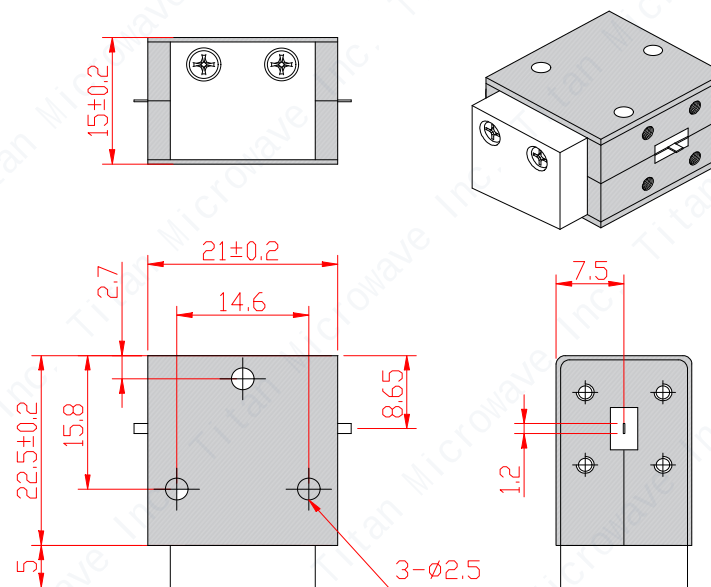
|                 |           |
|-----------------|-----------|
| Frequency Range | 4~8GHz    |
| Insertion Loss  | 0.6dB max |
| VSWR            | 1.3:1 max |
| Isolation       | 18dB min  |
| Forward Power   | 100W      |
| Reverse Power   | 20W       |
| Direction       | Clockwise |
| Impedance       | 50 Ohms   |

### ► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 21×22.5×15mm  |
| Connector Type | Stripline     |
| Material       | Aluminum      |
| Surface Finish | Nickel Plated |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -10℃~+60℃ |
| 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                | TITLE:<br><br>Drop-in Isolator<br>4-8GHz, 100W | <div> 成都巨人微波<br/><b>TITAN MICROWAVE INC.</b><br/>- A Professional RF &amp; Microwave Components Supplier -</div> <div> DIMENSIONS IN MILLIMETERS(mm)</div> |        |               |           |
| ENGINEER: J. Zhu 16/09/23            |                                                |                                                                                                                                                                                                                                                                                                                                      |        |               |           |
| APPROVED: C. Chen 16/09/23           |                                                | www.titan-microwave.com                                                                                                                                                                                                                                                                                                              |        |               |           |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |                                                | PART No.:<br><br>TMDI-04000800-100                                                                                                                                                                                                                                                                                                   |        |               |           |
| x ±0.50 [0.019"]                     |                                                |                                                                                                                                                                                                                                                                                                                                      |        |               |           |
| .x ±0.20 [0.008"]                    |                                                |                                                                                                                                                                                                                                                                                                                                      |        |               |           |
| .xx ±0.10 [0.004"]                   |                                                |                                                                                                                                                                                                                                                                                                                                      |        |               |           |
| ANGLES ±1°                           |                                                | SIZE:<br>A4                                                                                                                                                                                                                                                                                                                          | SCALE: | SHEET:<br>1/1 | REV:<br>A |