

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

## TECHNICAL DATA

### ► Electrical Data

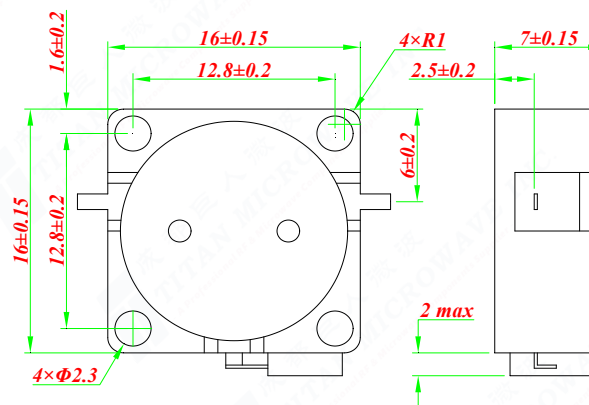
|                 |                       |
|-----------------|-----------------------|
| Frequency Range | 2000~2400MHz          |
| Insertion Loss  | 0.35dB max            |
| VSWR            | 1.25:1 max            |
| Isolation       | 18dB min              |
| Average Power   | 200W                  |
| Load Power      | 20W                   |
| Pulse Power     | 2000W(duty cycle 10%) |
| Direction       | Clockwise             |
| Impedance       | 50 Ohms               |

### ► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 16×16×7mm     |
| Connector Type | Stripline     |
| Material       | Aluminum      |
| Surface Finish | Nickel Plated |

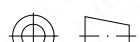
### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -55℃~+85℃ |
|-----------------------|-----------|



#### 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>2000~2400MHZ,<br>Clockwise<br>200W | <div> 成都巨人微波<br/>TITAN MICROWAVE INC.<br/>- A Professional RF &amp; Microwave Components Supplier -</div> |        |        |      |
| ENGINEER: J. Zhu 16/09/23            |       |          |                                                                      | www.titan-microwave.com                                                                                                                                                                        |        |        |      |
| APPROVED: C. Chen 16/09/23           |       |          |                                                                      |                                                                                                                                                                                                |        |        |      |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                      | <div> DIMENSIONS IN MILLIMETERS(mm)</div>                                                                 |        |        |      |
| x                                    | ±0.50 | [0.019"] | PART No.:<br><br>TMDI-02000240-200                                   | SIZE:                                                                                                                                                                                          | SCALE: | SHEET: | REV: |
| .x                                   | ±0.20 | [0.008"] |                                                                      | A4                                                                                                                                                                                             |        | 1/1    | A    |
| .xx                                  | ±0.10 | [0.004"] |                                                                      |                                                                                                                                                                                                |        |        |      |
| ANGLES                               | ±1°   |          |                                                                      |                                                                                                                                                                                                |        |        |      |