

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

## TECHNICAL DATA

### ► Electrical Data

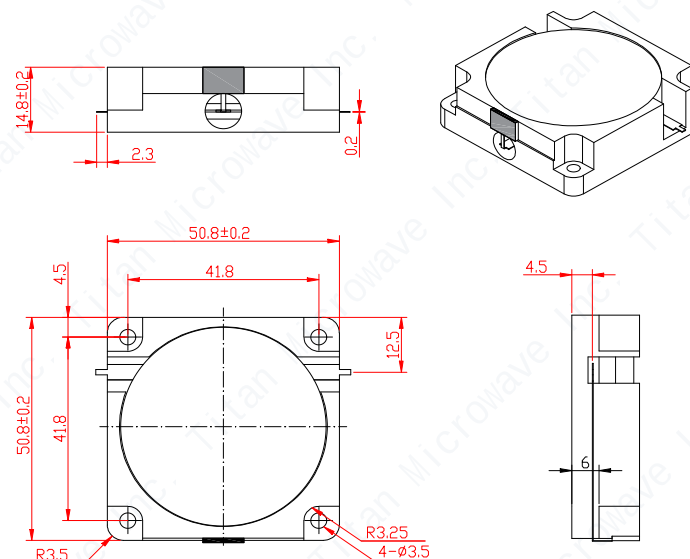
|                 |            |
|-----------------|------------|
| Frequency Range | 230~240MHz |
| Insertion Loss  | 0.4dB max  |
| VSWR            | 1.2:1 max  |
| Isolation       | 23dB min   |
| Forward Power   | 300W       |
| Reverse Power   | 150W       |
| Direction       | Clockwise  |
| Impedance       | 50 Ohms    |

### ► Mechanical Data

|                |                  |
|----------------|------------------|
| Dimensions     | 50.8×50.8×14.8mm |
| Connector Type | Stripline        |
| Material       | Aluminum         |
| Surface Finish | Nickel Plated    |
| Weight         | 220g             |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+70℃ |
| 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>230~240MHz,<br>Clockwise<br>300W |  | <div>成都巨人微波<br/><b>TITAN MICROWAVE INC.</b><br/><i>- A Professional RF &amp; Microwave Components Supplier -</i></div> <div><a href="http://www.titan-microwave.com">www.titan-microwave.com</a></div> |  |             |        |               |           |
| ENGINEER: J. Zhu 16/09/23            |        |               |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |             |        |               |           |
| APPROVED: C. Chen 16/09/23           |        |               | PART No.:<br><br>TMDI-00230024-300                                 |  | <div>DIMENSIONS IN MILLIMETERS(mm)</div> <div><table><tr><td>SIZE:<br/>A4</td><td>SCALE:</td><td>SHEET:<br/>1/1</td><td>REV:<br/>A</td></tr></table></div>                                             |  | SIZE:<br>A4 | SCALE: | SHEET:<br>1/1 | REV:<br>A |
| SIZE:<br>A4                          | SCALE: | SHEET:<br>1/1 |                                                                    |  |                                                                                                                                                                                                                                                                                             |  | REV:<br>A   |        |               |           |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |        |               |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |             |        |               |           |
| x                                    | ±0.50  | [0.019"]      |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |             |        |               |           |
| .x                                   | ±0.20  | [0.008"]      |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |             |        |               |           |
| .xx                                  | ±0.10  | [0.004"]      |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |             |        |               |           |
| ANGLES                               | ±1°    |               |                                                                    |  |                                                                                                                                                                                                                                                                                             |  |             |        |               |           |