

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

## TECHNICAL DATA

### ► Electrical Data

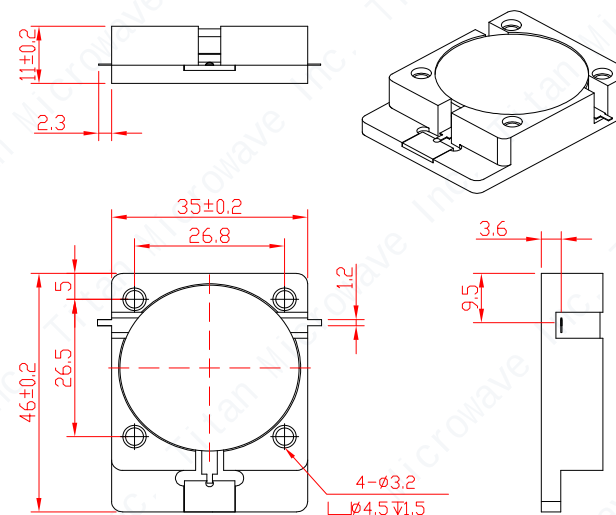
|                 |             |
|-----------------|-------------|
| Frequency Range | 960~1160MHz |
| Insertion Loss  | 0.4dB max   |
| VSWR            | 1.25:1 max  |
| Isolation       | 20dB min    |
| Forward Power   | 300W        |
| Reverse Power   | 30dB100W    |
| Direction       | Clockwise   |
| Impedance       | 50 Ohms     |

### ► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 35×46×11mm    |
| Connector Type | Stripline     |
| Material       | Aluminum      |
| Surface Finish | Nickel Plated |
| Weight         | 93g           |

### ► 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                |       |          | TITLE:<br><br>Drop-in Isolator<br>960-1160MHz,<br>Clockwise<br>300W | <div> 成都巨人微波<br/><b>TITAN MICROWAVE INC.</b><br/>- A Professional RF &amp; Microwave Components Supplier -</div>               |  |  |  |
| ENGINEER: J. Zhu 16/09/23            |       |          |                                                                     | <div> DIMENSIONS IN MILLIMETERS(mm)</div> |  |  |  |
| APPROVED: C. Chen 16/09/23           |       |          |                                                                     |                                                                                                                                                                                                                     |  |  |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                     |                                                                                                                                                                                                                     |  |  |  |
| x                                    | ±0.50 | [0.019"] | PART No.:<br><br>TMDI-00960116-300                                  | www.titan-microwave.com                                                                                                                                                                                             |  |  |  |
| .x                                   | ±0.20 | [0.008"] |                                                                     | SIZE: A4                                                                                                                                                                                                            |  |  |  |
| .xx                                  | ±0.10 | [0.004"] |                                                                     | SCALE:                                                                                                                                                                                                              |  |  |  |
| ANGLES                               | ±1°   |          |                                                                     | SHEET: 1/1                                                                                                                                                                                                          |  |  |  |
|                                      |       |          | REV: A                                                              |                                                                                                                                                                                                                     |  |  |  |