

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

## TECHNICAL DATA

### ► Electrical Data

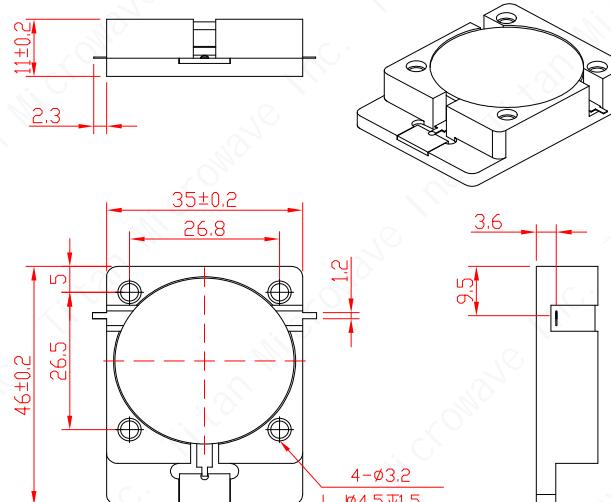
|                 |            |
|-----------------|------------|
| Frequency Range | 770~860MHz |
| Insertion Loss  | 0.3dB max  |
| VSWR            | 1.2:1 max  |
| Isolation       | 23dB min   |
| Forward Power   | 300W       |
| Reverse Power   | 30dB@100W  |
| Direction       | Clockwise  |
| Impedance       | 50 Ohms    |

### ► Mechanical Data

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

### ► Environmental Data

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -30°C ~ +75°C |
| Storage Temperature   | -50°C ~ +90°C |



Notes:

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

|                                      |  |                                    |   |        |
|--------------------------------------|--|------------------------------------|---|--------|
| DRAWN: L. Ma 16/09/23                | TITLE:<br><br>Drop-in Isolator<br>770-860MHz,<br>Clockwise<br>300W | PART No.:<br><br>TMDI-00770086-300 |  成都巨人微波<br><b>TITAN MICROWAVE INC.</b><br><i>- A Professional RF &amp; Microwave Components Supplier -</i><br><a href="http://www.titan-microwave.com">www.titan-microwave.com</a> |        |
| ENGINEER: J. Zhu 16/09/23            |  |                                    |   |        |
| APPROVED: C. Chen 16/09/23           |  |                                    |   |        |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |  |                                    |   |        |
| x      ±0.50      [0.019"]           |  |                                    |   |        |
| .x      ±0.20      [0.008"]          |  |                                    |   |        |
| .xx      ±0.10      [0.004"]         |  |                                    |   |        |
| ANGLES      ±1°                      |  |                                    |   |        |
|                                      | DIMENSIONS IN MILLIMETERS(mm)                                      |                                    |   |        |
|                                      | SIZE: A4   | SCALE:                             | SHEET: 1/1  | REV: A |