

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2022/3/15 | C. Chen  |

## TECHNICAL DATA

► Electrical Data

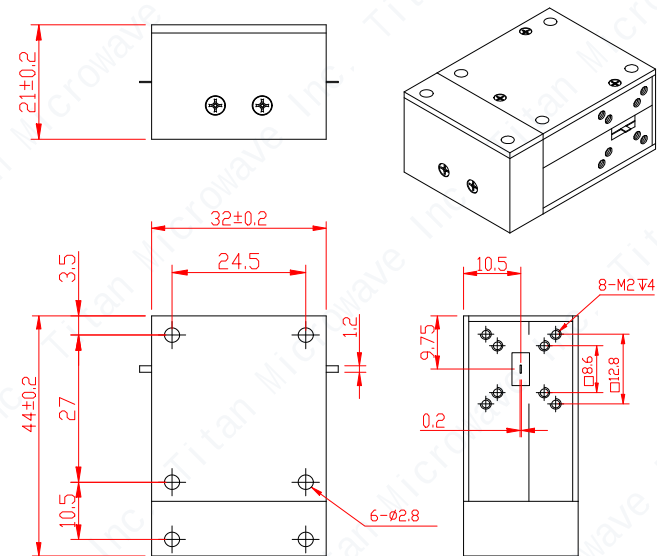
|                 |           |
|-----------------|-----------|
| Frequency Range | 2.5~4GHz  |
| Insertion Loss  | 0.4dB max |
| VSWR            | 1.3:1 max |
| Isolation       | 18dB min  |
| Forward Power   | 150W      |
| Reverse Power   | 100W      |

► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 32×44×21mm    |
| Connector Type | Stripline     |
| Surfave Finish | Nickel Plated |

► Environmental Data

|                       |             |
|-----------------------|-------------|
| Operating Temperature | -10°C~+60°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 15/03/22                |       |          | <div>TITLE:</div> <div>Drop-in Isolator<br/>2.5-4GHz, 150W,<br/>Clockwise</div> | <div> 成都巨人微波<br/>TITAN MICROWAVE INC.<br/>- A Professional RF &amp; Microwave Components Supplier -</div> |        |      |  |
| ENGINEER: J. Zhu 15/03/22            |       |          |                                                                                 | <div>www.titan-microwave.com</div>                                                                                                                                                             |        |      |  |
| APPROVED: C. Chen 15/03/22           |       |          |                                                                                 |                                                                                                                                                                                                |        |      |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                                 |                                                                                                                                                                                                |        |      |  |
| x                                    | ±0.50 | [0.019"] | <div>PART No.:</div> <div>TMDI-02500400-150A</div>                              | <div> DIMENSIONS IN MILLIMETERS(mm)</div>                                                                 |        |      |  |
| .x                                   | ±0.20 | [0.008"] |                                                                                 |                                                                                                                                                                                                |        |      |  |
| .xx                                  | ±0.10 | [0.004"] |                                                                                 |                                                                                                                                                                                                |        |      |  |
| ANGLES                               | ±1°   |          |                                                                                 |                                                                                                                                                                                                |        |      |  |
|                                      |       |          | SIZE:                                                                           | SCALE:                                                                                                                                                                                         | SHEET: | REV: |  |
|                                      |       |          | A4                                                                              |                                                                                                                                                                                                | 1/1    | A    |  |