

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

TECHNICAL DATA

► Electrical Data

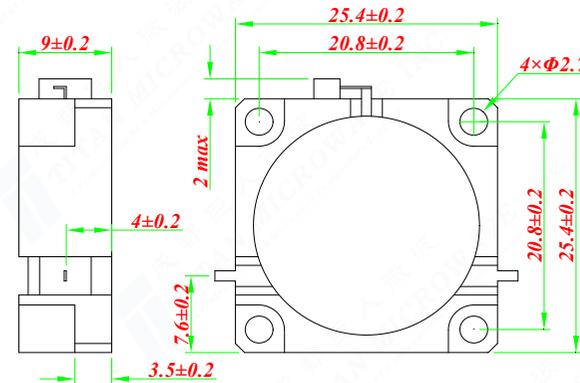
| | |
|-----------------|-----------------------|
| Frequency Range | 2000~4000MHz |
| Insertion Loss | 0.8dB max |
| VSWR | 1.35:1 max |
| Isolation | 17dB min |
| Average Power | 100W |
| Load Power | 20W |
| Pulse Power | 1000W(duty cycle 10%) |
| Direction | Clockwise |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|----------------|---------------|
| Dimensions | 25.4×25.4×9mm |
| Connector Type | Stripline |
| Material | Aluminum |
| Surface Finish | Nickel Plated |

► Environmental Data

| | |
|-----------------------|-----------|
| Operating Temperature | -40℃~+70℃ |
|-----------------------|-----------|



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: Drop-in Isolator 2~4GHz, Clockwise 100W |  www.titan-microwave.com | | | |
| ENGINEER: J. Zhu 16/09/23 | | | | | |
| APPROVED: C. Chen 16/09/23 | | DIMENSIONS IN MILLIMETERS(mm) | | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | PART No.: TMDI-02000400-100 | SIZE: A4 | SCALE: | SHEET: 1/1 | REV: A |
| x ±0.50 [0.019"] | | | | | |
| .x ±0.20 [0.008"] | | | | | |
| .xx ±0.10 [0.004"] | | | | | |
| ANGLES ±1° | | | | | |