

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2021/3/13 | C. Chen  |

## TECHNICAL DATA

### ► Electrical Data

|                   |              |
|-------------------|--------------|
| Frequency Range   | 1200~1300MHz |
| Insertion Loss    | 0.3dB max    |
| Isolation         | 23dB min     |
| VSWR              | 1.2:1 max    |
| Impedance         | 50 Ohms      |
| Forward Power(CW) | 150W         |
| Reverse power     | 100W         |
| Rotation          | Clockwise    |

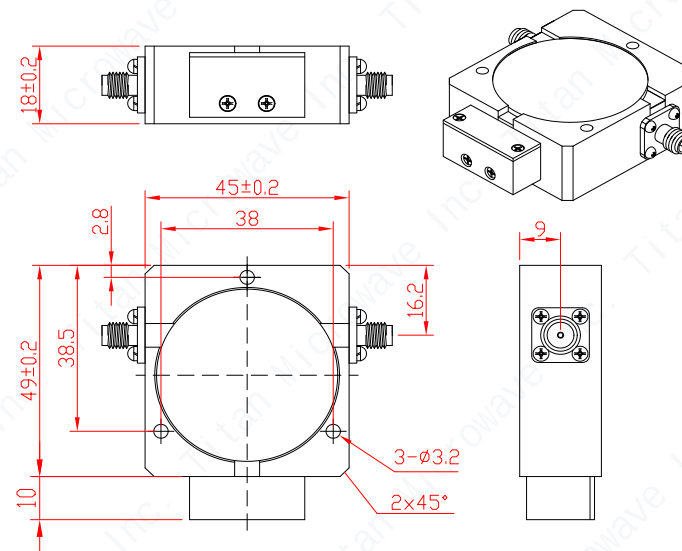
### ► Mechanical Data

|                         |              |
|-------------------------|--------------|
| Input/Output Connectors | SMA-Female   |
| Material                | Aluminum     |
| Surface Treatment       | Nicke Plated |
| Dimensions              | 45×49×18mm   |
| Weight                  | 260g         |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+75℃ |
| Storage Temperature   | -50℃~+90℃ |

All the materials are RoHS Compliance



#### Notes:

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

|                                      |                                                                  |                                                                                                                     |        |               |
|--------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------|---------------|
| DRAWN: L. Ma 13/03/21                | TITLE:<br>Coaxial Isolator,<br>1200~1300MHz, 150W,<br>SMA-Female | <br>www.titan-microwave.com    |        |               |
| ENGINEER: J. Zhu 13/03/21            |                                                                  |                                                                                                                     |        |               |
| APPROVED: C. Chen 13/03/21           |                                                                  |                                                                                                                     |        |               |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | PART No.:<br>TMCI-150S-01200130                                  |  DIMENSIONS IN MILLIMETERS(mm) |        |               |
| x ±0.50 [0.019"]                     |                                                                  |                                                                                                                     |        |               |
| .x ±0.20 [0.008"]                    |                                                                  |                                                                                                                     |        |               |
| .xx ±0.10 [0.004"]                   |                                                                  | SIZE:<br>A4                                                                                                         | SCALE: | SHEET:<br>1/1 |
| ANGLES ±1°                           |                                                                  |                                                                                                                     |        | REV:<br>A     |