

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

## TECHNICAL DATA

### ► Electrical Data

|                   |            |
|-------------------|------------|
| Frequency Range   | 800~900MHz |
| 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  |

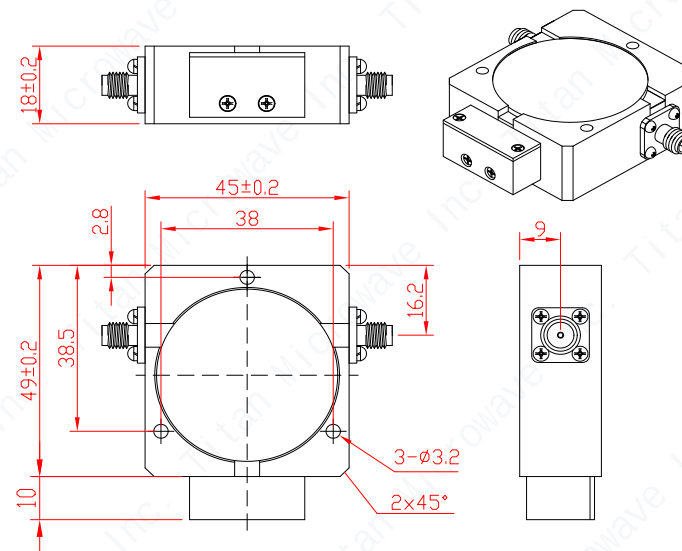
### ► Mechanical Data

|                         |              |
|-------------------------|--------------|
| 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>800~900MHz, 150W,<br>SMA-Female | <br>www.titan-microwave.com    |  |  |  |
| ENGINEER: J. Zhu 13/03/21                                                                                           |                                                                |                                                                                                                     |  |  |  |
| APPROVED: C. Chen 13/03/21                                                                                          |                                                                |  DIMENSIONS IN MILLIMETERS(mm) |  |  |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED                                                                                | PART No.:                                                      | SIZE: A4    SCALE:    SHEET: 1/1    REV: A                                                                          |  |  |  |
| x            ±0.50    [0.019"]<br>.x           ±0.20    [0.008"]<br>.xx          ±0.10    [0.004"]<br>ANGLES    ±1° | TMCI-150S-00800090                                             |                                                                                                                     |  |  |  |