

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

## TECHNICAL DATA

### ► Electrical Data

|                   |            |
|-------------------|------------|
| Frequency Range   | 3.1~3.4GHz |
| Insertion Loss    | 0.35dB max |
| Isolation         | 20dB min   |
| VSWR              | 1.2:1 max  |
| Impedance         | 50 Ohms    |
| Forward Power(CW) | 100W       |
| Reverse power     | 100W       |
| Rotation          | Clockwise  |

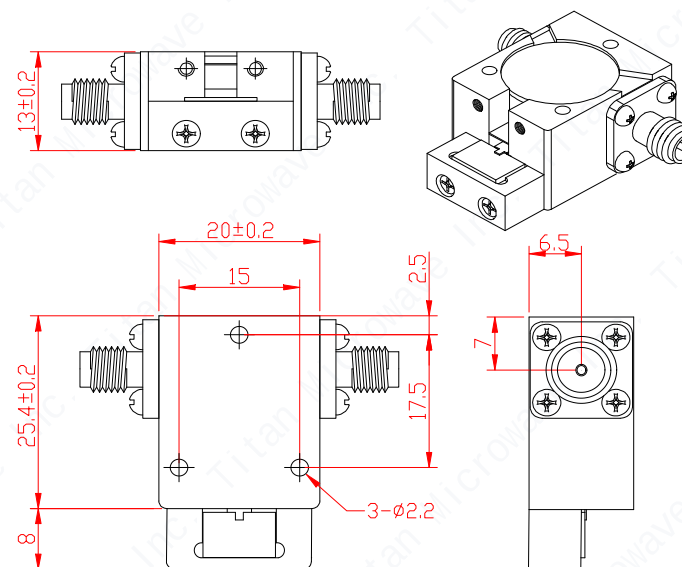
### ► Mechanical Data

|                         |              |
|-------------------------|--------------|
| Input/Output Connectors | SMA-Female   |
| Material                | Aluminum     |
| Surface Treatment       | Nicke Plated |
| Dimensions              | 20×25.4×13mm |
| Weight                  | 50g          |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+70℃ |
| 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><br>Coaxial Isolator,<br>3.1~3.4GHz, 100W,<br>SMA-Female | <div> 成都巨人微波<br/>TITAN MICROWAVE INC.<br/>- A Professional RF &amp; Microwave Components Supplier -</div> |                                                                                                                                |           |  |
| ENGINEER: J. Zhu 13/03/21            |       |          |                                                                    | www.titan-microwave.com                                                                                                                                                                        |                                                                                                                                |           |  |
| APPROVED: C. Chen 13/03/21           |       |          |                                                                    |                                                                                                                                                                                                |                                                                                                                                |           |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                    | PART No.:<br><br>TMCI-03100340-100                                                                                                                                                             | <div> DIMENSIONS IN MILLIMETERS(mm)</div> |           |  |
| x                                    | ±0.50 | [0.019"] |                                                                    |                                                                                                                                                                                                |                                                                                                                                |           |  |
| .x                                   | ±0.20 | [0.008"] |                                                                    |                                                                                                                                                                                                |                                                                                                                                |           |  |
| .xx                                  | ±0.10 | [0.004"] |                                                                    |                                                                                                                                                                                                |                                                                                                                                |           |  |
| ANGLES                               | ±1°   |          |                                                                    |                                                                                                                                                                                                |                                                                                                                                |           |  |
|                                      |       |          | SIZE:<br>A4                                                        | SCALE:                                                                                                                                                                                         | SHEET:<br>1/1                                                                                                                  | REV:<br>A |  |