

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

## TECHNICAL DATA

### ► Electrical Data

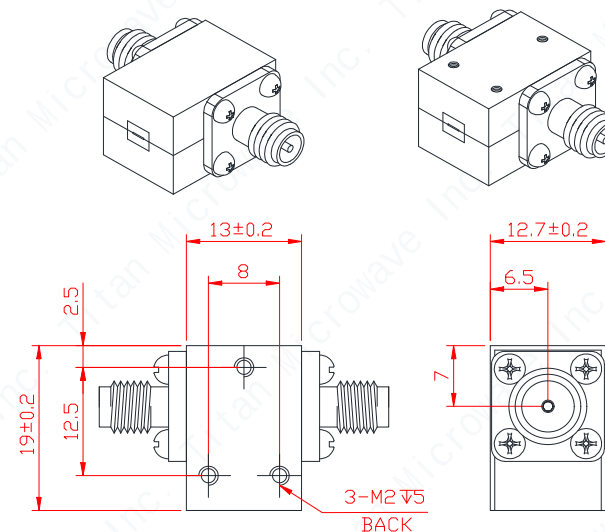
|                 |            |
|-----------------|------------|
| Frequency Range | 8.9~9.1GHz |
| Insertion Loss  | 0.4dB max  |
| VSWR            | 1.25:1 max |
| Isolation       | 20dB min   |
| Forward Power   | 30W        |
| Reverse Power   | 10W        |
| Direction       | Clockwise  |
| Impedance       | 50 Ohms    |

### ► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 13×19×12.7mm  |
| Connector      | SMA-Female    |
| Material       | Aluminum      |
| Surface Finish | Nickel Plated |
| Weight         | 20g           |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -10℃~+60℃ |
| Storage Temperature   | -50℃~+90℃ |



#### Notes:

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

|                                                                                                                          |                                                                         |                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRAWN: L. Ma 16/09/23<br>ENGINEER: J. Zhu 16/09/23<br>APPROVED: C. Chen 16/09/23<br>TOLERANCE UNLESS OTHERWISE SPECIFIED | <b>TITLE:</b><br><br>Coaxial Isolator<br>8.9-9.1GHz,<br>30W, SMA-Female | <br>成都巨人微波<br><b>TITAN MICROWAVE INC.</b><br>- A Professional RF & Microwave Components Supplier -<br><a href="http://www.titan-microwave.com">www.titan-microwave.com</a> |
|                                                                                                                          |                                                                         |                                                                                                                                                                                                                                                                 |
|                                                                                                                          | <b>PART No.:</b><br><br>TMCI-08900910-30                                |  DIMENSIONS IN MILLIMETERS(mm)                                                                                                                                             |
|                                                                                                                          |                                                                         | SIZE: A4<br>SCALE:<br>SHEET: 1/1<br>REV: A                                                                                                                                                                                                                      |