

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

## TECHNICAL DATA

### ► Electrical Data

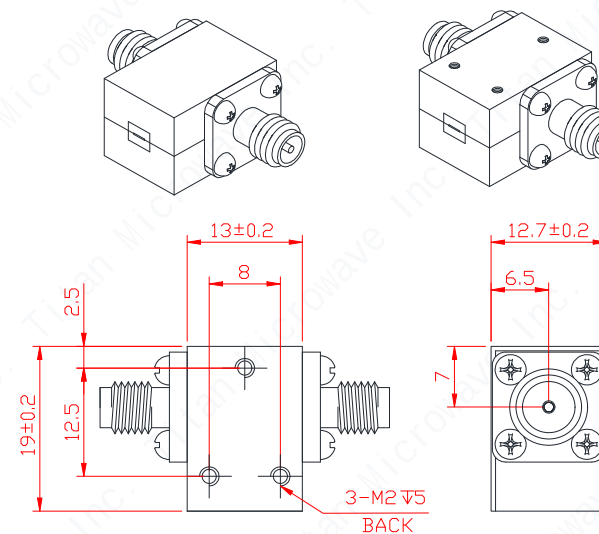
|                 |              |
|-----------------|--------------|
| Frequency Range | 10.4~10.6GHz |
| Insertion Loss  | 0.3dB max    |
| VSWR            | 1.2:1 max    |
| Isolation       | 23dB min     |
| Forward Power   | 30W          |
| Reverse Power   | 10W          |
| Direction       | Clockwise    |
| 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                |       |          | <div>TITLE:</div> <div>Coaxial Isolator<br/>10.4-10.6GHz,<br/>30W, SMA-Female</div> | <div><div><div><div></div><div></div></div><div>成都巨人微波</div><div>TITAN MICROWAVE INC.</div><div>A Professional RF &amp; Microwave Components Supplier</div></div><div>www.titan-microwave.com</div></div> |        |      |  |
| ENGINEER: J. Zhu 16/09/23            |       |          |                                                                                     |                                                                                                                                                                                                           |        |      |  |
| APPROVED: C. Chen 16/09/23           |       |          |                                                                                     |                                                                                                                                                                                                           |        |      |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |                                                                                     |                                                                                                                                                                                                           |        |      |  |
| x                                    | ±0.50 | [0.019"] | <div>PART No.:</div> <div>TMCI-10401060-30</div>                                    | <div><div><div><div></div><div></div></div><div></div></div><div>DIMENSIONS IN MILLIMETERS(mm)</div></div>                                                                                                |        |      |  |
| .x                                   | ±0.20 | [0.008"] |                                                                                     |                                                                                                                                                                                                           |        |      |  |
| .xx                                  | ±0.10 | [0.004"] |                                                                                     |                                                                                                                                                                                                           |        |      |  |
| ANGLES                               | ±1°   |          |                                                                                     |                                                                                                                                                                                                           |        |      |  |
|                                      |       |          | SIZE:                                                                               | SCALE:                                                                                                                                                                                                    | SHEET: | REV: |  |
|                                      |       |          | A4                                                                                  |                                                                                                                                                                                                           | 1/1    | A    |  |