

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

## TECHNICAL DATA

### ► Electrical Data

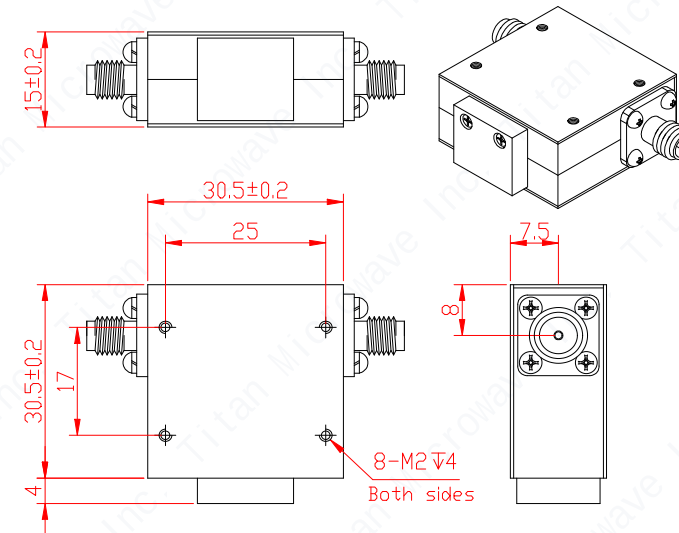
|                 |            |
|-----------------|------------|
| Frequency Range | 2~6GHz     |
| Insertion Loss  | 0.85dB max |
| VSWR            | 1.5:1 max  |
| Isolation       | 12dB min   |
| Forward Power   | 50W        |
| Reverse Power   | 20W        |
| Direction       | Clockwise  |
| Impedance       | 50 Ohms    |

### ► Mechanical Data

|                |                |
|----------------|----------------|
| Dimensions     | 30.5×30.5×15mm |
| Connector      | SMA-Female     |
| Material       | Aluminum       |
| Surface Finish | Nickel Plated  |
| Weight         | 120g           |

### ► 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                | <b>TITLE:</b><br><br>Coaxial Isolator<br>2-6GHz,<br>50W, SMA-Female |  <b>成都巨人微波</b><br><b>TITAN MICROWAVE INC.</b><br><i>- A Professional RF &amp; Microwave Components Supplier -</i> |        |        |      |
| ENGINEER: J. Zhu 16/09/23            |                                                                     | <a href="http://www.titan-microwave.com">www.titan-microwave.com</a>                                                                                                                                   |        |        |      |
| APPROVED: C. Chen 16/09/23           |                                                                     |  DIMENSIONS IN MILLIMETERS(mm)                                                                                    |        |        |      |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |                                                                     |                                                                                                                                                                                                        |        |        |      |
| x ±0.50 [0.019"]                     | <b>PART No.:</b><br><br>TMCI-02000600-50                            | SIZE:                                                                                                                                                                                                  | SCALE: | SHEET: | REV: |
| .x ±0.20 [0.008"]                    |                                                                     | A4                                                                                                                                                                                                     |        | 1/1    | A    |
| .xx ±0.10 [0.004"]                   |                                                                     |                                                                                                                                                                                                        |        |        |      |
| ANGLES ±1°                           |                                                                     |                                                                                                                                                                                                        |        |        |      |