

## TECHNICAL DATA

### ► Electrical Data

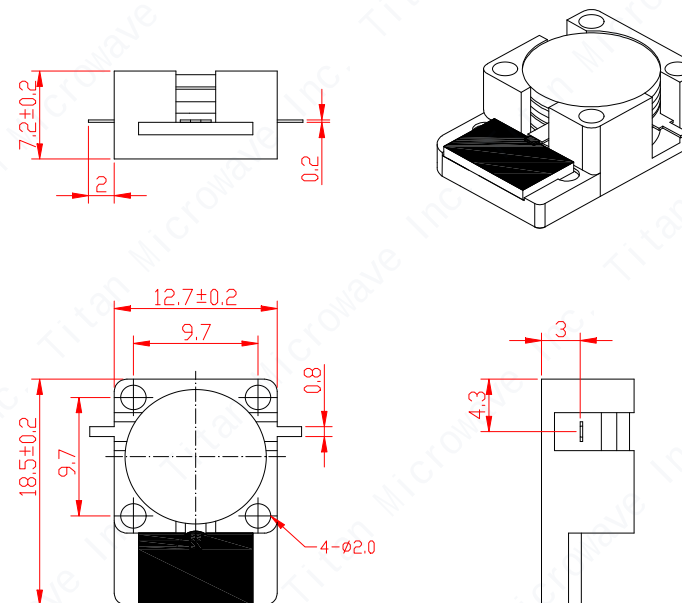
|                 |            |
|-----------------|------------|
| Frequency Range | 2.9~3.3GHz |
| Insertion Loss  | 0.4dB max  |
| VSWR            | 1.25:1 max |
| Isolation       | 20dB min   |
| Forward Power   | 100W       |
| Reverse Power   | 100W       |
| Direction       | Clockwise  |
| Impedance       | 50 Ohms    |

### ► Mechanical Data

|                |                 |
|----------------|-----------------|
| Dimensions     | 12.7×18.5×7.2mm |
| Connector Type | Stripline       |
| Material       | Aluminum        |
| Surface Finish | Nickel Plated   |
| Weight         | 10g             |

### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+75℃ |
| 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                |       |          |
| ENGINEER: J. Zhu 16/09/23            |       |          |
| APPROVED: C. Chen 16/09/23           |       |          |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |
| x                                    | ±0.50 | [0.019"] |
| .x                                   | ±0.20 | [0.008"] |
| .xx                                  | ±0.10 | [0.004"] |
| ANGLES                               | ±1°   |          |

#### TITLE:

Drop-in Isolator  
2.9-3.3GHz, 100W

#### PART No.:

TMDI-02900330-100



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:  
A4

SCALE:

SHEET:  
1/1

REV:  
A