

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

TECHNICAL DATA

► Electrical Data

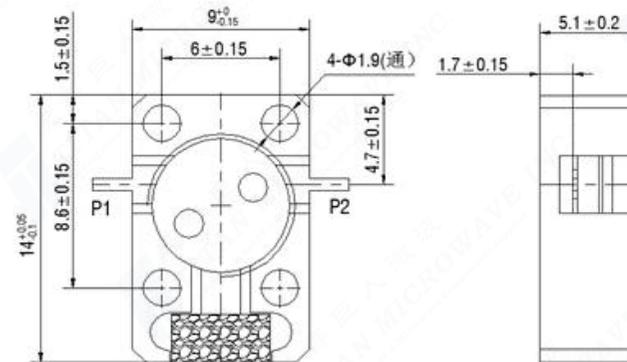
| | |
|-----------------|-----------|
| Frequency Range | 14~16GHz |
| Insertion Loss | 0.4dB max |
| VSWR | 1.2:1 max |
| Isolation | 20dB min |
| Forward Power | 30W(CW) |
| Direction | Clockwise |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|----------------|---------------|
| Dimensions | 9×14×5.1mm |
| Connector Type | Stripline |
| Material | Aluminum |
| Surface Finish | Nickel Plated |

► Environmental Data

| | |
|-----------------------|-----------|
| Operating Temperature | -55℃~+85℃ |
|-----------------------|-----------|



| | | |
|--------------------------------------|--|--|
| 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
14-16GHz, Clockwise
30W

PART No.:
TMDI-14001600-30

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DIMENSIONS IN MILLIMETERS(mm)

| | | | |
|--------------------|---------------|----------------------|------------------|
| SIZE: A4 | SCALE: | SHEET: 1/1 | REV: A |
|--------------------|---------------|----------------------|------------------|

Notes:

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