

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

## TECHNICAL DATA

### Electrical Data

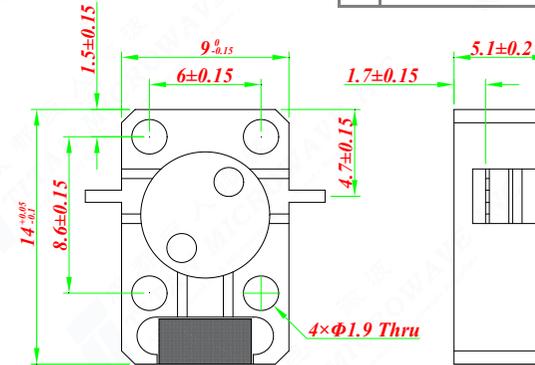
Frequency Range	8~12GHz
Insertion Loss	0.5dB max
VSWR	1.35:1 max
Isolation	17dB min
Average Power	50W
Load Power	20W
Pulse Power	500W(duty cycle 25%)
Direction	Clockwise
Impedance	50 Ohms

### Mechanical Data

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

### Environmental Data

Operating Temperature	-55°C~+85°C
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#### 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  
8~12GHz, Clockwise  
50W

**PART No.:**  
TMDI-08001200-50

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DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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