

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

## TECHNICAL DATA

### Electrical Data

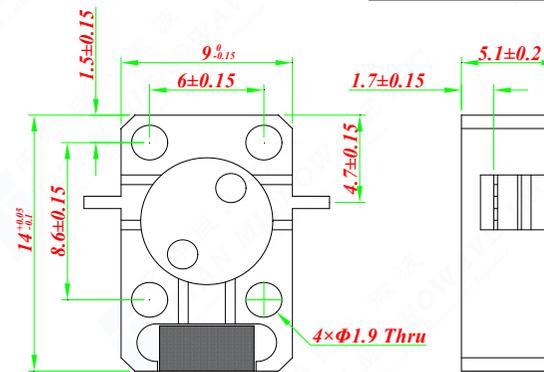
Frequency Range	8~12GHz
Insertion Loss	0.45dB max
VSWR	1.25:1 max
Isolation	18dB min
Forward Power	30W(CW)
Direction	Clockwise
Impedance	50 Ohms

### Mechanical Data

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

### Environmental Data

Operating Temperature	-55℃~+85℃
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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	TITLE: Drop-in Isolator 8-12GHz, Clockwise 30W	 www.titan-microwave.com		
ENGINEER: J. Zhu 16/09/23				
APPROVED: C. Chen 16/09/23		PART No.: TMDI-08001200-30B	DIMENSIONS IN MILLIMETERS(mm)	
TOLERANCE UNLESS OTHERWISE SPECIFIED	SIZE: A4		SCALE:	SHEET: 1/1
x ±0.50 [0.019"]				
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]				
ANGLES ±1°				