

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

TECHNICAL DATA

Electrical Data

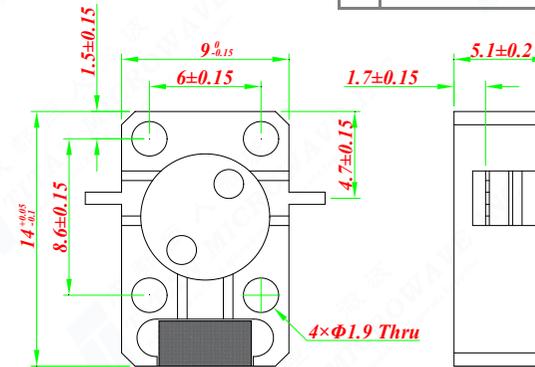
Frequency Range	12~14GHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	19dB min
Average Power	50W
Load Power	20W
Pulse Power	500W(duty cycle 25%)
Direction	Clockwise
Impedance	50 Ohms

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
12~14GHz, Clockwise
50W

PART No.:

TMDI-12001400-50



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A