

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

## TECHNICAL DATA

### ► Electrical Data

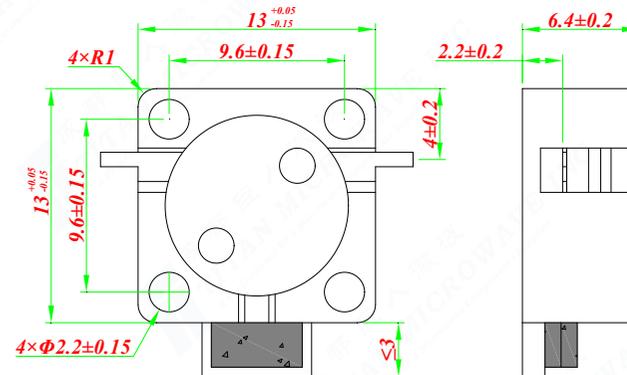
Frequency Range	5000~6000MHz
Insertion Loss	0.4dB max
VSWR	1.2:1 max
Isolation	20dB min
Average Power	100W
Load Power	20W
Pulse Power	1000W(duty cycle 25%)
Direction	Clockwise
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	13×13×6.4mm
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		
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  
5000~6000MHz,  
Clockwise  
100W

#### PART No.:

TMDI-100-05000600



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:  
A4

SCALE:

SHEET:  
1/1

REV:  
A