

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

## TECHNICAL DATA

### ► Electrical Data

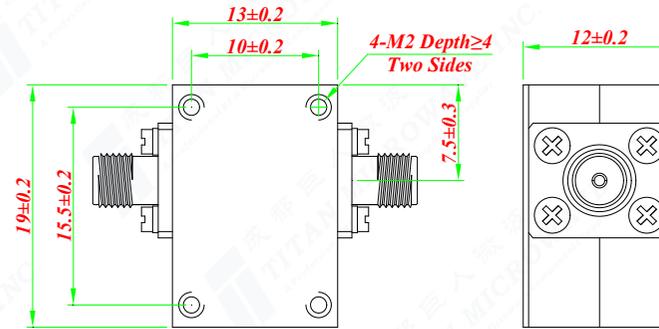
Frequency Range	6000~18000MHz
Insertion Loss	1.2dB max
VSWR	1.7:1 max
Isolation	12dB min
Forward Power	50W
Pulse Power	500W(duty cycle 10%)
Direction	Clockwise
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	13×19×12mm
Connector	SMA-Female
Material	Aluminum
Surface Finish	Nickel Plated

### ► Environmental Data

Operating Temperature	-55℃~+85℃
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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:**  
Coaxial Isolator  
6-18GHz,  
50W, SMA-Female

**PART No.:**  
TMCI-06001800-50S

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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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**Notes:**

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