

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/3/6	C. Chen

## TECHNICAL DATA

### ► Electrical Data

Frequency Range	8.55~8.65GHz
Insertion Loss	0.4dB max
Isolation	20dB min
VSWR	1.25:1 max
Impedance	50 Ohms
Forward Power(CW)	50W
Rotation	Clockwise

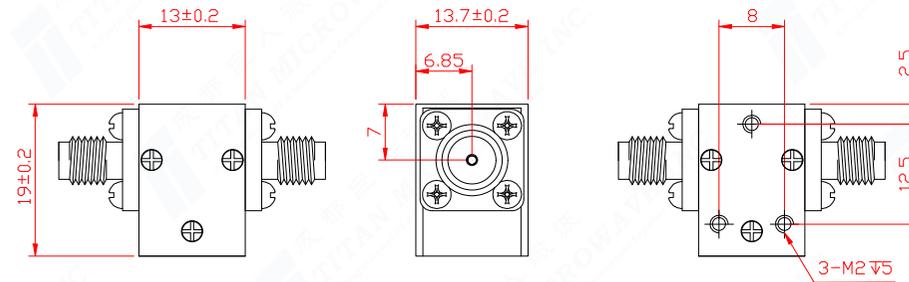
### ► Mechanical Data

Input/Output Connectors	SMA-Female
Material	Aluminum
Surface Treatment	Nicke Plated
Dimensions	13×19×13.7mm

### ► Environmental Data

Operating Temperature	-30℃~+70℃
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All the materials are RoHS Compliance



#### Notes:

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

DRAWN: L. Ma 06/03/26		
ENGINEER: J. Zhu 06/03/26		
APPROVED: C. Chen 06/03/26		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

#### TITLE:

Coaxial Isolator,  
8.55~8.65GHz, 50W,  
SMA-Female

#### PART No.:

TMCI-08550865-50S



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:  
A4

SCALE:

SHEET:  
1/1

REV:  
A