

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

## TECHNICAL DATA

### ► Electrical Data

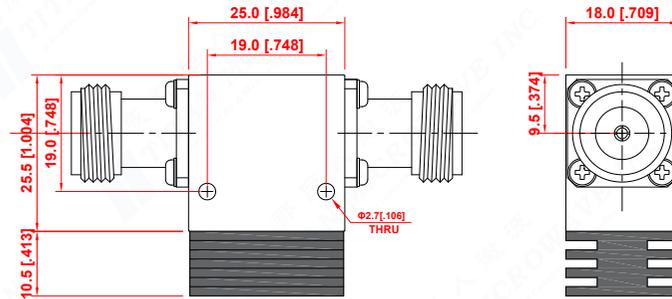
Frequency Range	4.8~5.9GHz
Insertion Loss	0.5dB max
VSWR	1.25:1 max
Isolation	20dB min
Forward Power	300W
Reverse Power	100W
Direction	Clockwise
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	25×25.5×18mm
Connector	N-Female
Material	Aluminum
Surface Finish	Nickel Plated

### ► Environmental Data

Operating Temperature	-20℃~+70℃
Storage Temperature	-50℃~+90℃



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  
4.8-5.9GHz,  
300W, N-Female

#### PART No.:

TMCI-04800590-300N



[www.titan-microwave.com](http://www.titan-microwave.com)



DIMENSIONS IN MILLIMETERS(mm)

SIZE:  
A4

SCALE:

SHEET:  
1/1

REV:  
A

#### Notes:

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