

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

## TECHNICAL DATA

### ► Electrical Data

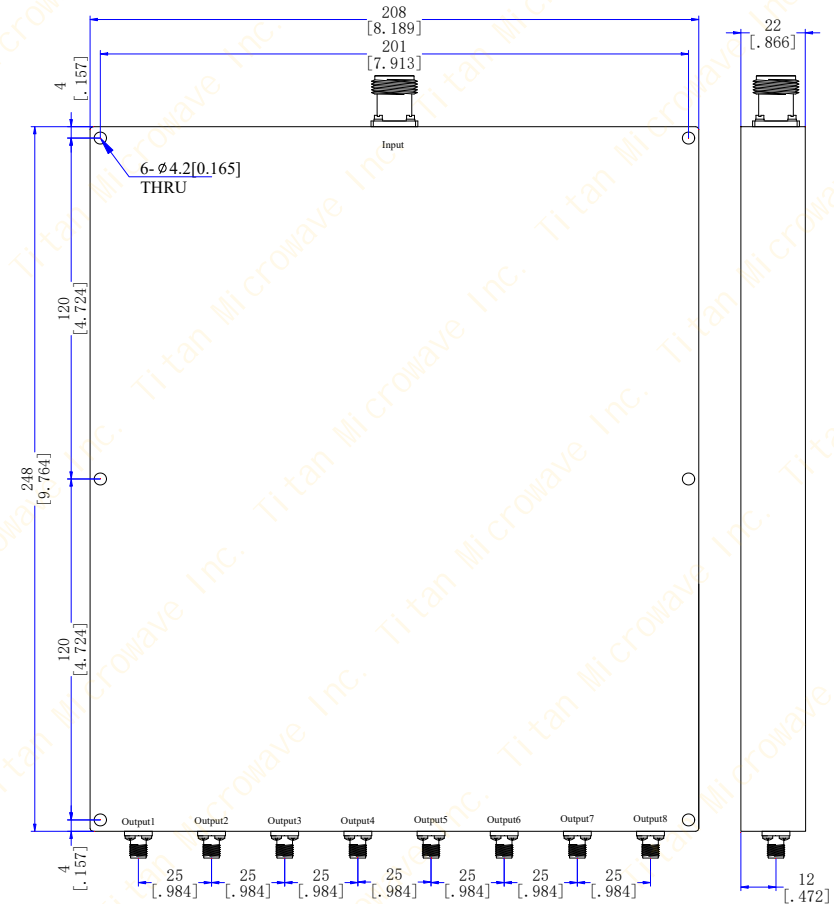
Frequency Range	700~2700MHz
Insertion Loss (excluding theoretical loss 9.0dB)	1.4dB max
Input Port VSWR	1.40:1 max
Output Port VSWR	1.25:1 max
Isolation	18dB min
Amplitude Balance	±0.2dB
Phase Balance	±4°
Impedance	50 Ohms
Power Rating	100W(as a splitter) 5W(as a combiner)

### ► Mechanical Data

Input Connector	N-Female
Output Connectors	SMA-Female
Dimensions	208×248×22mm
Surface Finish	Conductive Oxidation

### ► Environmental Data

Operating Temperature	-35℃~+75℃
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DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:	Power Divider 8 Way, 0.7~2.7GHz, 100W, N-Female & SMA- Female
PART No.:	TMPD8-00700270-100NS



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DIMENSIONS IN MILLIMETERS(mm)

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

#### Notes:

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