

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

## TECHNICAL DATA

### Electrical Data

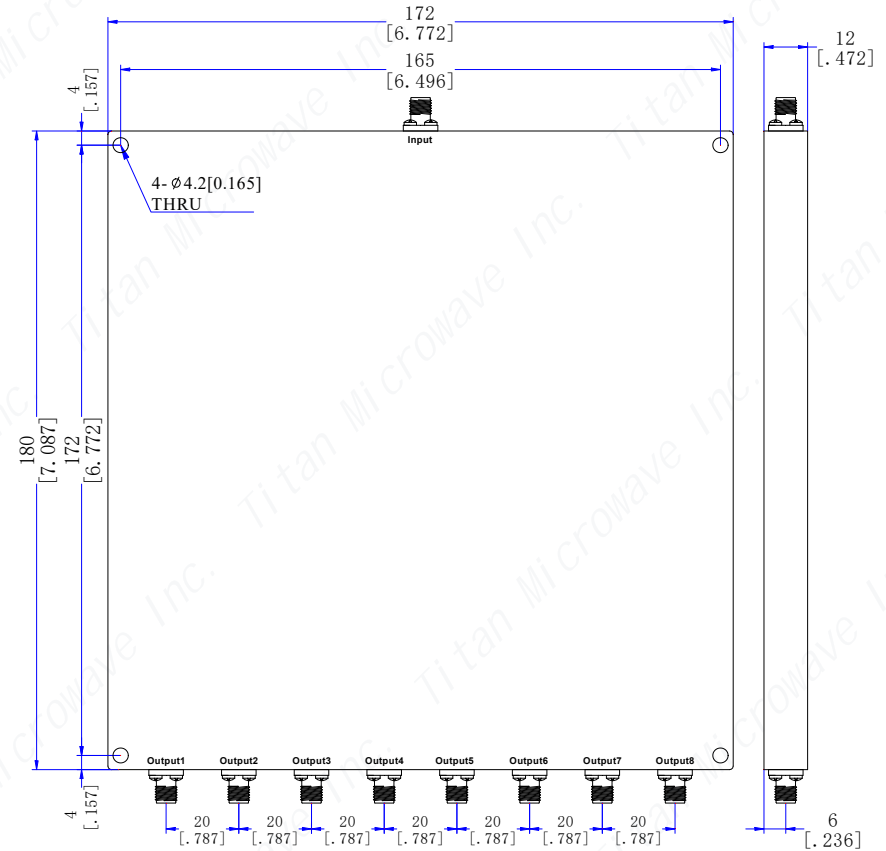
Frequency Range	150~1500MHz
Insertion Loss	2.5dB max
(excluding theoretical loss 9.0dB)	
Input Port VSWR	1.18 typ, 1.25 max
Output Port VSWR	1.12 typ, 1.20 max
Isolation	20dB min, 26dB typ
Amplitude Balance	±0.3dB
Phase Balance	±4°
Impedance	50 Ohms
Power Rating	10W(as a splitter)
Power Rating	1W(as a combiner)

### Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	172×180×12mm
Surface Finish	Sandblasting natural color conductive oxidation

### Environmental Data

Operating Temperature	-35°C~+75°C
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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 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,  
0.15~1.5GHz, 10W, SMA-  
Female

**PART No.:**  
TMPD8-00150150-10S

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DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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