

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

## TECHNICAL DATA

### ► Electrical Data

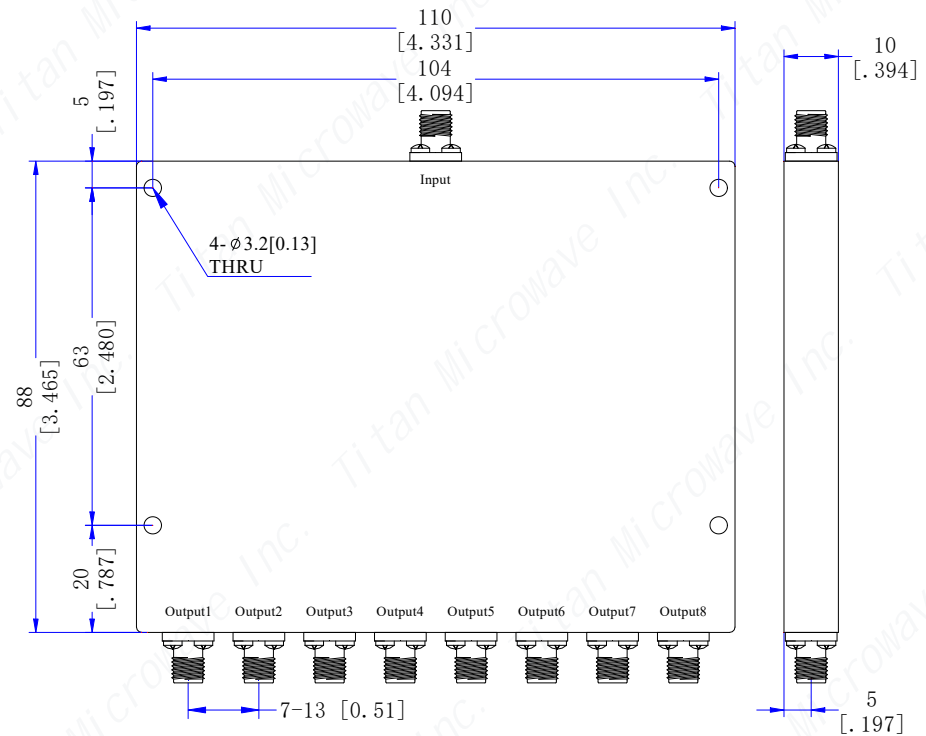
Frequency Range	2~12GHz
Insertion Loss (excluding theoretical loss 9.0dB)	2.0dB max
Input Port VSWR	1.45 max
Output Port VSWR	1.25 max
Isolation	18dB min
Amplitude Balance	±0.4dB
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	10W(as a splitter)
Power Rating	1W(as a combiner)

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Connectors Material	Passivated Stainless Steel
Dimensions	110×88×10mm
Surface Finish	Black/Blue/Gray Painted

### ► Environmental Data

Operating Temperature	-45℃~+85℃
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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,  
2~12GHz, 10W, SMA-  
Female

**PART No.:**  
TMPD8-02001200-10S



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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