

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

## TECHNICAL DATA

### ► Electrical Data

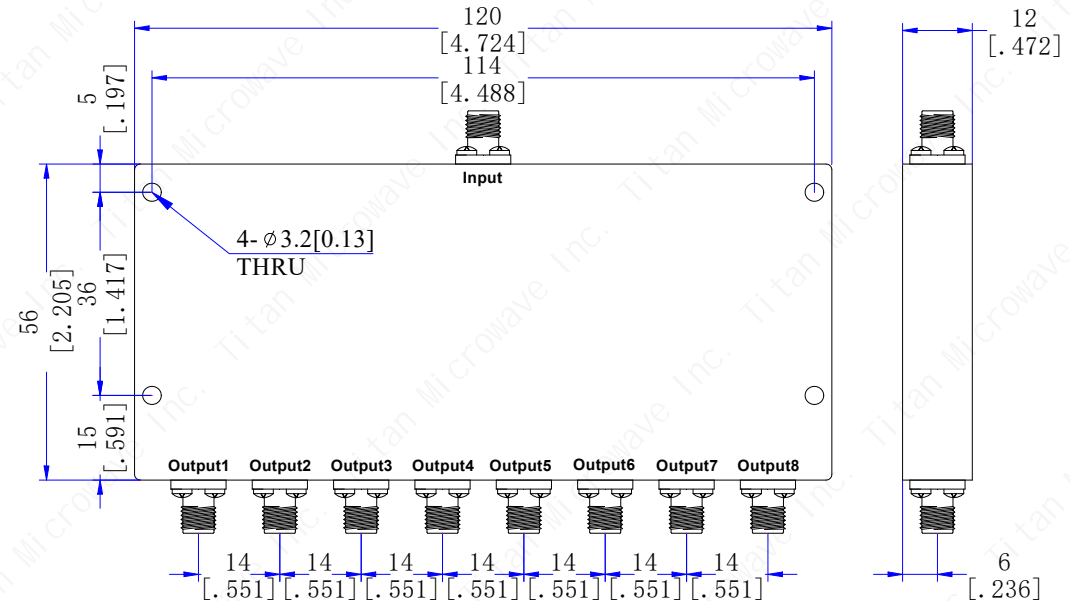
Frequency Range	1~200MHz
Insertion Loss	2.8dB max
(excluding theoretical loss 9.0dB)	
Input Port VSWR	1.40:1 max
Output Port VSWR	1.40:1 max
Isolation	18dB min, 26dB typ
Amplitude Balance	±0.5dB
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	1W(as a splitter) 0.5W(as a combiner)

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	120×56×12mm
Surface Finish	Conductive Oxidation
Weight	200g


### ► Environmental Data

Operating Temperature	-35℃~+75℃
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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	TITLE: Power Divider 8 Way, 1~200MHz, 1W, SMA-Female	 www.titan-microwave.com			
ENGINEER: J. Zhu 21/12/22					
APPROVED: C. Chen 21/12/22		PART No.:	DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED	TMPD8-1M0020-1S	SIZE: A4	SCALE:	SHEET: 1/1	REV: A
x ±0.50 [0.019"]					
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					