

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

TECHNICAL DATA

Electrical Data

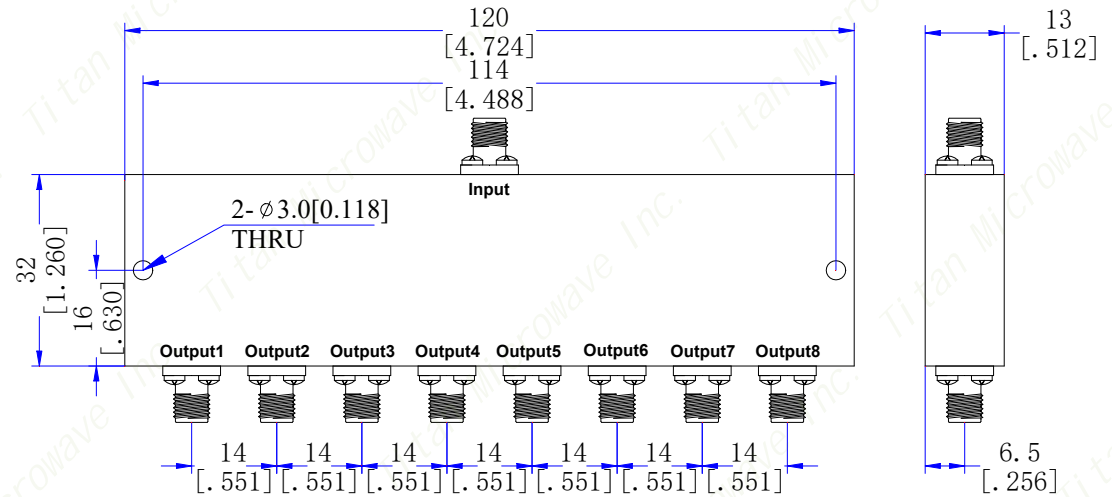
Frequency Range	1~500MHz
Insertion Loss	2.0dB max
(excluding theoretical loss 9.0dB)	
Input/Output Port VSWR	1.8:1 max@1-5MHz
	1.4:1 max@5-500MHz
Isolation	18dB min, 26dB typ
Amplitude Balance	±0.5dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	1W(as a splitter)
Power Rating	0.5W(as a combiner)

Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	120×32×13mm
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		
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,
1~500MHz, 1W, SMA-
Female

PART No.:
TMPD8-1M0050-1S

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DIMENSIONS IN MILLIMETERS(mm)

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