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

TECHNICAL DATA

▶ Electrical Data

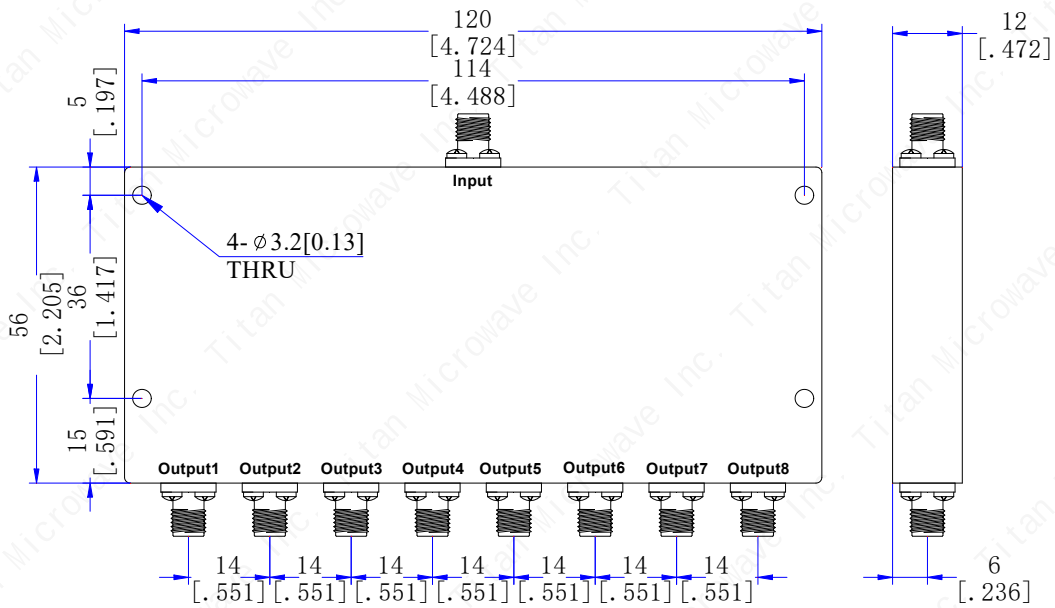
Frequency Range	1~50MHz
Insertion Loss	1.2dB max
(excluding theoretical loss 9.0dB)	
Input Port VSWR	1.30:1 max
Output Port VSWR	1.30:1 max
Isolation	25dB min, 30dB typ
Amplitude Balance	±0.4dB
Phase Balance	±4°
Impedance	50 Ohms
Power Rating	1W(as a splitter) 0.5W(as a combiner)

▶ Mechanical Data

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

▶ Environmental Data

Operating Temperature	-35℃~+75℃



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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, 1~50MHz, 1W,
SMA-Female

PART No.:

TMPD8-1M0005-1S

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DIMENSIONS IN MILLIMETERS(mm)

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