

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

TECHNICAL DATA

► Electrical Data

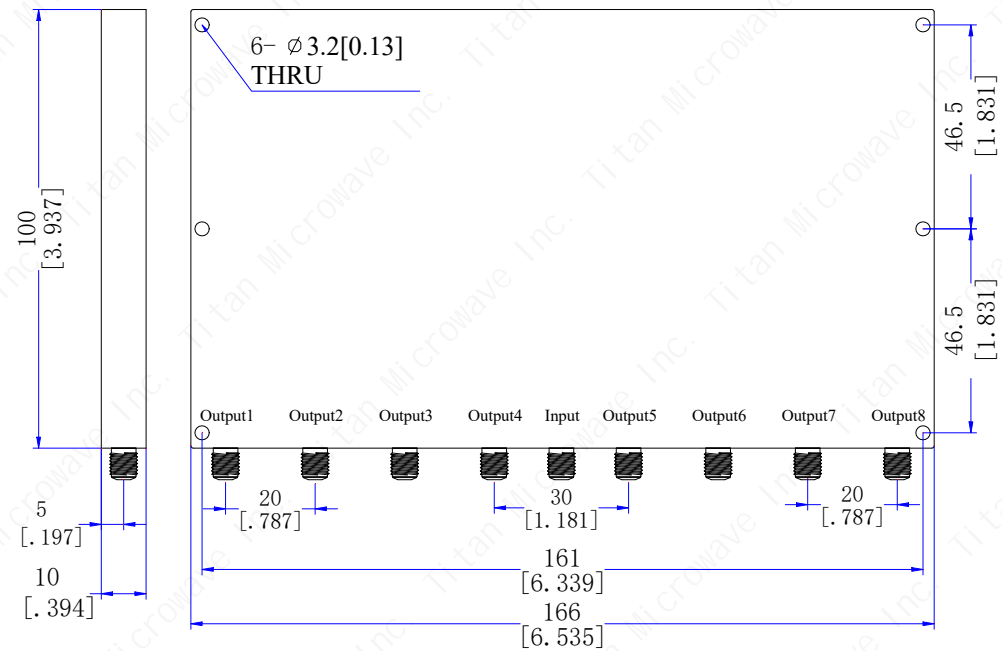
Frequency Range	1~18GHz
Insertion Loss (excluding theoretical loss 9.0dB)	4.0dB max
Input Port VSWR	1.35 typ, 1.80 max
Output Port VSWR	1.24 typ, 1.60 max
Isolation	17dB min, 24dB typ
Amplitude Balance	±0.5dB
Phase Balance	±10°
Impedance	50 Ohms
Power Rating	20W(as a splitter) 1W(as a combiner)

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	166×100×10mm
Surface Finish	Black/Blue/Gray Painted
Weight	450g

► Environmental Data

Operating Temperature	-40℃~+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, 1~18GHz, 20W,
SMA-Female



PART No.:
TMPD8-01001800-20SC



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