

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/8/10	C. Chen

TECHNICAL DATA

Electrical Data

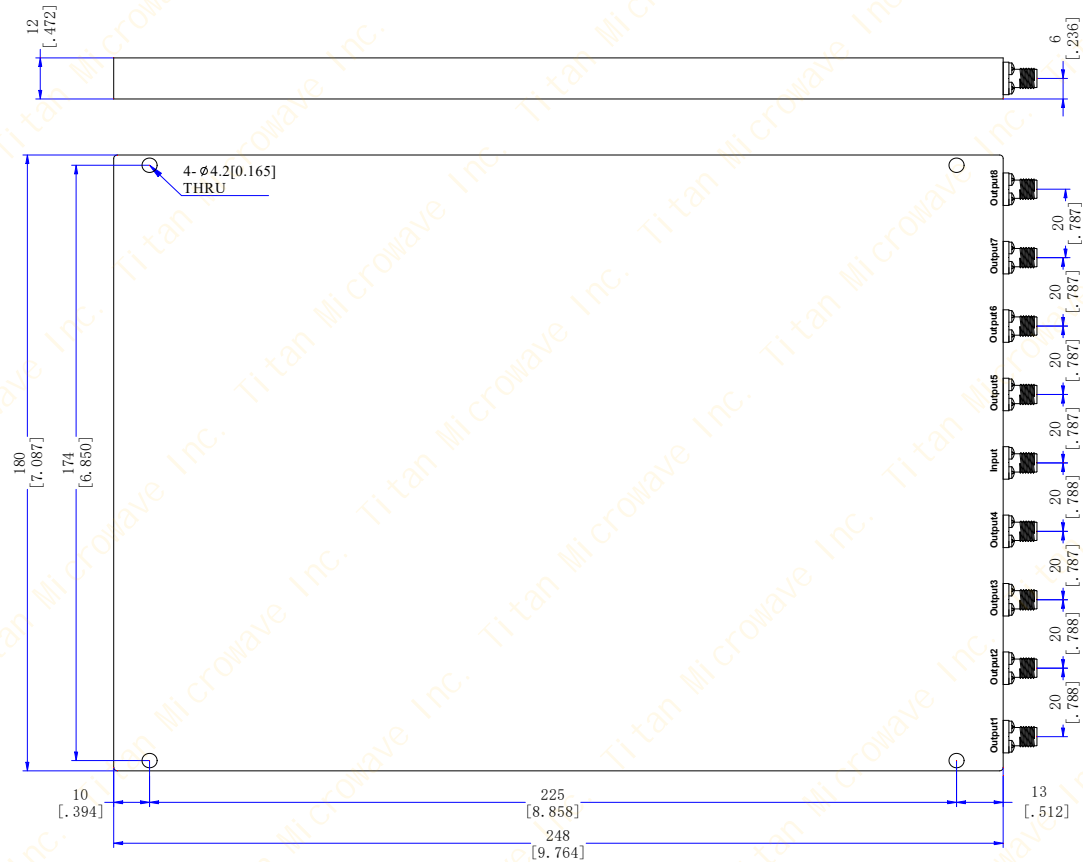
Frequency Range	0.5~6GHz
Insertion Loss (excluding theoretical loss 9.0dB)	3.5dB max
Input Port VSWR	1.60:1 max@500~600MHz 1.40:1 max@600~6000MHz
Output Port VSWR	1.16:1 typ, 1.30:1 max
Isolation	16dB min
Amplitude Balance	±0.3dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	50W(as a splitter) 3W(as a combiner)

Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	180×248×12mm
Surface Finish	Black Painted

Environmental Data

Operating Temperature	-40℃~+75℃
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DRAWN: L. Ma 10/08/23		
ENGINEER: J. Zhu 10/08/23		
APPROVED: C. Chen 10/08/23		
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, 0.5~6GHz, 50W,
SMA-Female

PART No.:
TMPD8-00500600-50S



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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