

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

TECHNICAL DATA

Electrical Data

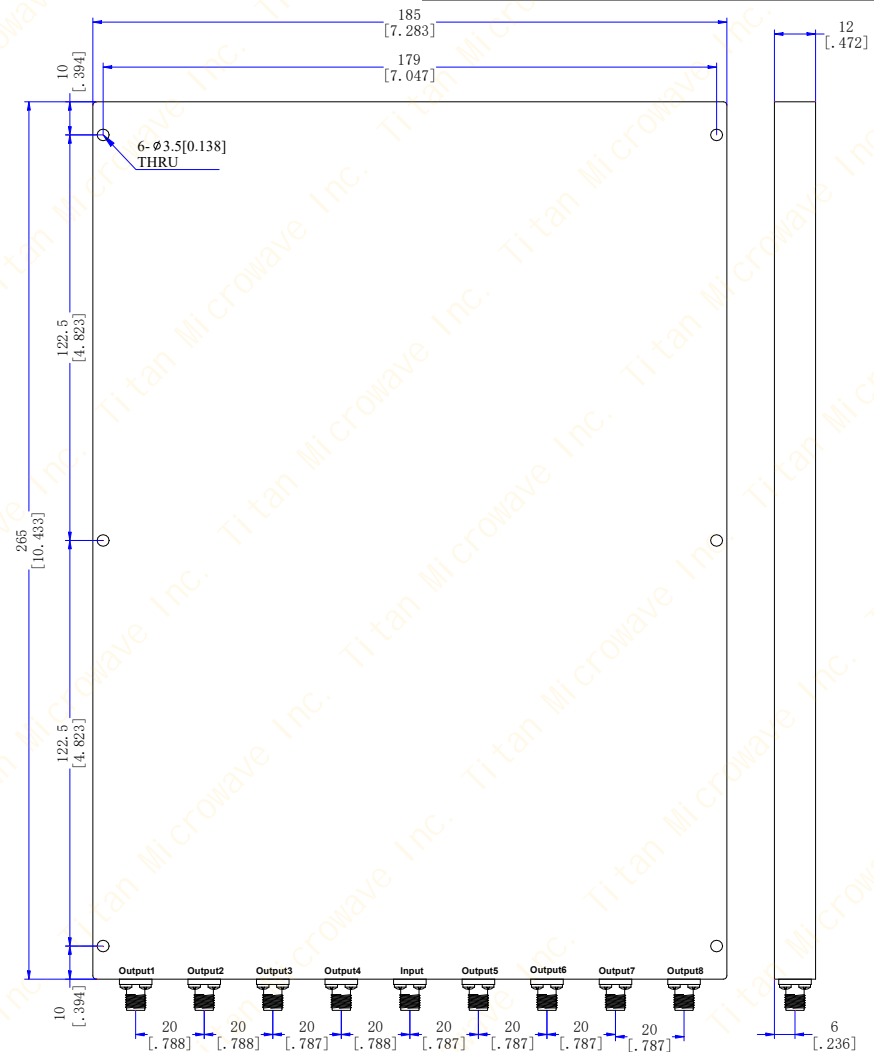
Frequency Range	0.5~6GHz
Insertion Loss (excluding theoretical loss 9.0dB)	3.0dB max
Input Port VSWR	1.30:1 typ; 1.60:1 max
Output Port VSWR	1.15:1 typ; 1.30:1 max
Isolation	18dB min; 25dB typ
Amplitude Balance	±0.3dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	80W(as a splitter) 5W(as a combiner)

Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	185×265×12mm
Surface Finish	Black Painted
Weight	1.5kg

Environmental Data

Operating Temperature	-45℃~+85℃
-----------------------	-----------



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, 80W,
SMA-Female



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

PART No.:
TMPD8-00500600-80S

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A

Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY