

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/5/27	C. Chen

TECHNICAL DATA

► Electrical Data

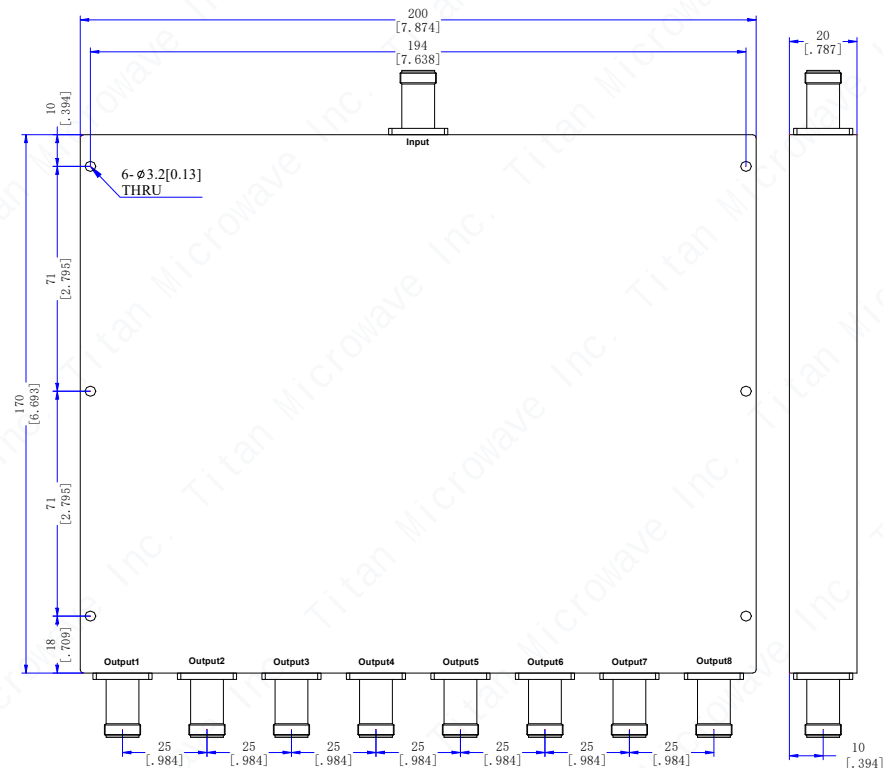
Frequency Range	1000-1100MHz
Insertion Loss	0.8dB max
(excluding theoretical loss 9.0dB)	
Input Port VSWR	1.2:1 max
Output Port VSWR	1.2:1 max
Phase Balance	±4°
Amplitude Balance	±0.25dB
Isolation	20dB min
Impedance	50 Ohms
Power Rating	50W(CW, as a splitter)
Power Rating	1200W(PW, duty cycle 2%)

► Mechanical Data

Connectors	TNC-Female
Dimensions	170×200×20mm
Surface Finish	Sandblasting Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
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DRAWN: L. Ma 27/05/25		
ENGINEER: J. Zhu 27/05/25		
APPROVED: C. Chen 27/05/25		
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, 1~1.1GHz, 50W,
TNC-Female

PART No.:
TMPD8-01000110-50T



www.titan-microwave.com



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