

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/6/3	C. Chen

TECHNICAL DATA

► Electrical Data

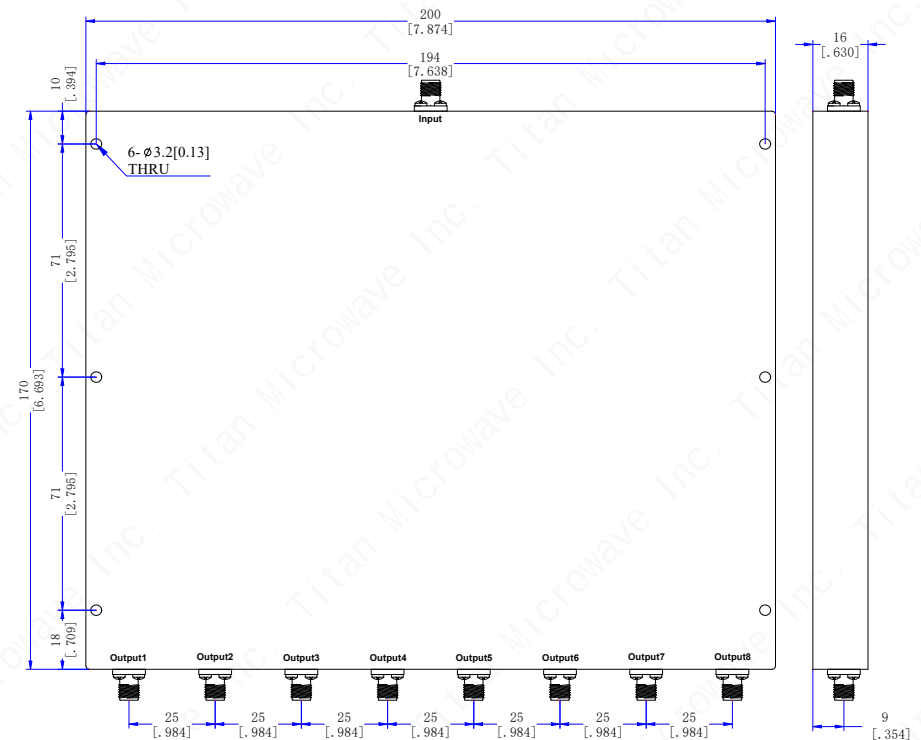
Frequency Range	1000-1100MHz
Insertion Loss	0.8dB max (excluding theoretical loss 9.0dB)
Input Port VSWR	1.2:1 max
Output Port VSWR	1.2:1 max
Phase Balance	±4°
Amplitude Balance	±0.25dB
Isolation	20dB min
Power Rating	50W(CW, as a splitter) 1200W(PW, Duty Cycle 2%)
Impedance	50 Ohms

► Mechanical Data

Connectors	SMA-Female
Dimensions	170×200×16mm
Surface Finish	Sandblasting Natural Color Conductive Oxidation

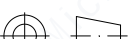
► Environmental Data

Operating Temperature	-55℃~+85℃
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Notes:

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

DRAWN: L. Ma 03/06/25			TITLE: Power Divider, 8 Way, 1~1.1GHz, 50W, SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 03/06/25								
APPROVED: C. Chen 03/06/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMPD8-01000110-50S		 DIMENSIONS IN MILLIMETERS(mm)			
x ±0.50 [0.019"]								
.x ±0.20 [0.008"]								
.xx ±0.10 [0.004"]								
ANGLES ±1°								
			SIZE: A4		SCALE:		SHEET: 1/1	REV: A