

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

TECHNICAL DATA

► Electrical Data

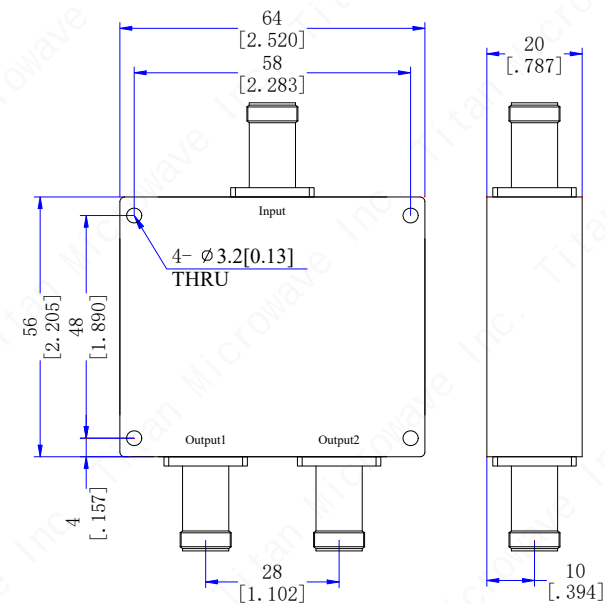
Frequency Range	1000-1100MHz
Insertion Loss	0.2dB max (excluding theoretical loss 3.0dB)
Input Port VSWR	1.2:1 max
Output Port VSWR	1.2:1 max
Phase Balance	±4°
Amplitude Balance	±0.2dB
Isolation	16dB min
Impedance	50 Ohms
Power Rating	50W(CW, as a splitter)
Power Rating	60W(PW, duty cycle 2%)

► Mechanical Data

Connectors	TNC-Female
Dimensions	56×64×20mm
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 27/05/25	TITLE: Power Divider, 2 Way, 1~1.1GHz, 50W, TNC-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
ENGINEER: J. Zhu 27/05/25				
APPROVED: C. Chen 27/05/25				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TMPD2-01000110-50T	 DIMENSIONS IN MILLIMETERS(mm)		
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]		SIZE: A4	SCALE:	SHEET: 1/1
ANGLES ±1°				
				REV: A