

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/12/2	C. Chen

TECHNICAL DATA

► Electrical Data

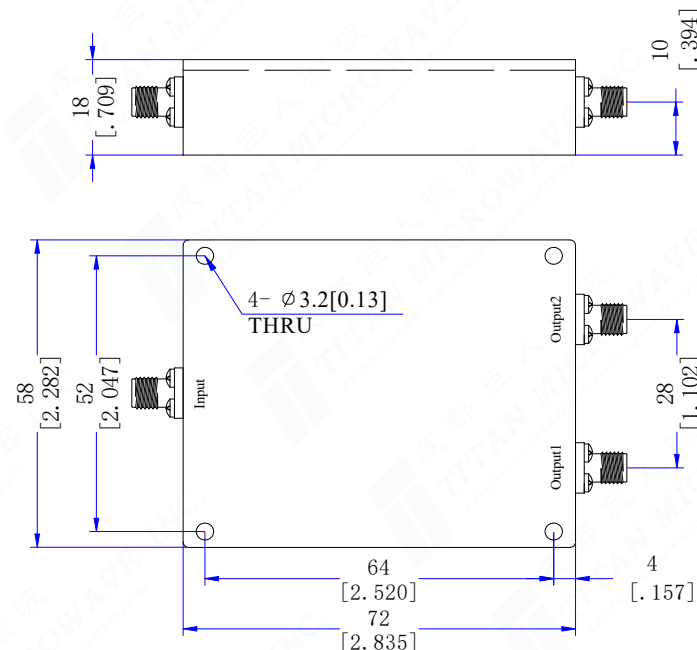
Frequency Range	1000~1200MHz
Insertion Loss	0.3dB max(excluding theoretical loss)
Input Port VSWR	1.16:1 typ, 1.25:1 max
Output Port VSWR	1.12:1 typ, 1.2:1 max
Isolation	20dB min
Phase Balance	±2°
Amplitude Balance	±0.1dB
Power Rating	100W(as a splitter), 10W(as a combiner)
Impedance	50 Ohms

► Mechanical Data

Connectors	SMA-Female
Dimensions	72×58×18mm
Surface Finish	Sandblasting Natural Color Conductive Oxide

► Environmental Data

Operating Temperature	-35℃~+70℃
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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 02/12/25	TITLE: Power Divider, 2 Way, 1~1.2GHz, 100W, SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -		
ENGINEER: J. Zhu 02/12/25				
APPROVED: C. Chen 02/12/25		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TMPD2-01000120-100S	SIZE: A4	SCALE:	SHEET: 1/1
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]				
ANGLES ±1°				REV: A

www.titan-microwave.com