

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

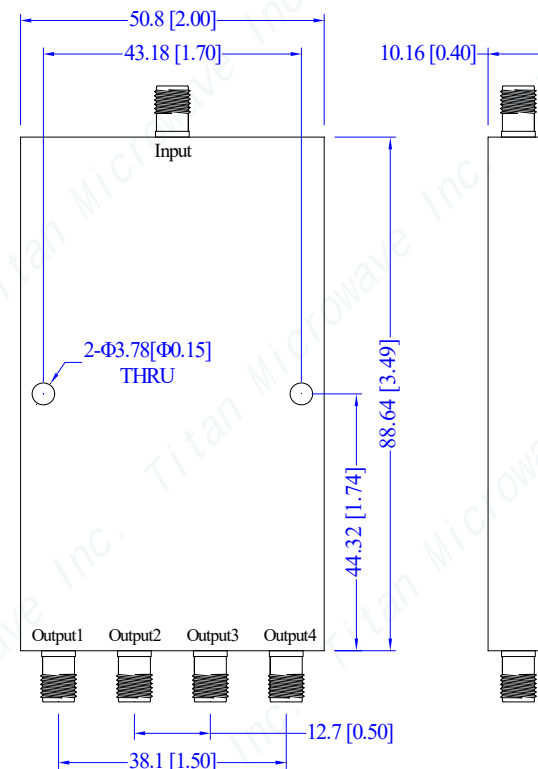
Frequency Range	2~8GHz
Insertion Loss	0.8dB typ, 1.0dB max@2~4GHz 1.5dB typ, 1.8dB max@4~8GHz
(excluding theoretical loss 6.0dB)	
Input Port VSWR	1.3 typ, 1.5 max@2~8GHz
Output Port VSWR	1.2 typ, 1.3 max@2~8GHz
Isolation	18dB min, 20dB typ
Amplitude Balance	±0.2dB typ, ±0.3dB max
Phase Balance	±3° typ, ±4° max
Impedance	50 Ohms
Power Rating(forward)	30W
Power Rating(reverse)	2W

► Mechanical Data

Input/Output Connectors	SMA-Female
Material	Aluminum
Dimensions	88.64×50.8×10.16mm
Surface Finish	Black/Gray/Blue Painted

► Environmental Data

Operating Temperature	-40℃~+85℃
Storage Temperature	-50℃~+105℃



Notes:

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

DRAWN: L. Ma 21/12/22
ENGINEER: J. Zhu 21/12/22
APPROVED: C. Chen 21/12/22
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:

Power Divider, 4 Way,
2~8GHz, 30W,
SMA-Female

PART No.:

TMPD4-02000800-30SB



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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