

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

## TECHNICAL DATA

### ► Electrical Data

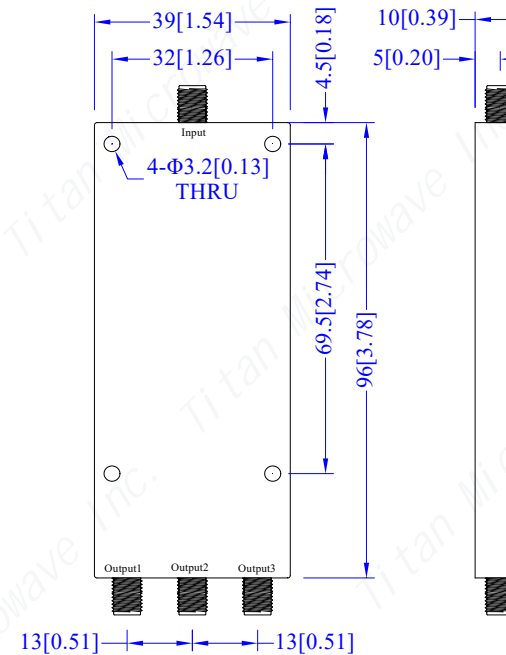
Frequency Range	1~12GHz
Insertion Loss	1.0dB typ, 1.3dB max@1~2GHz 1.3dB typ, 1.5dB max@2~12GHz
(excluding theoretical loss 4.8dB)	
Input Port VSWR	1.8 typ, 2.0 max@1~12GHz
Output Port VSWR	1.4 typ, 1.5 max@1~12GHz
Isolation	16dB min, 18dB typ
Amplitude Balance	±0.5dB typ, ±0.6dB max
Phase Balance	±5° typ, ±8° max@1~2GHz ±6° typ, ±10° max@2~12GHz
Impedance	50 Ohms
Power Rating(forward)	30W
Power Rating(reverse)	1W

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Material	Aluminum
Dimensions	96×39×10mm
Surface Finish	Black/Gray/Blue Painted

### ► Environmental Data

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



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, 3 Way,  
1~12GHz, 30W,  
SMA-Female

PART No.:  
TMPD3-01001200-30S

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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