

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

## TECHNICAL DATA

### ► Electrical Data

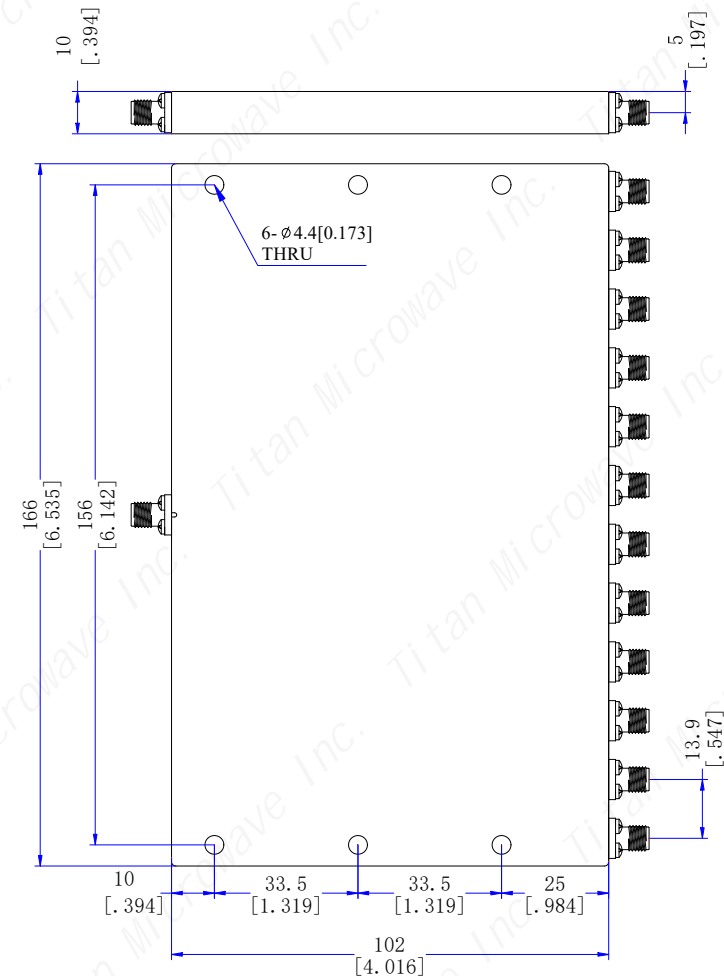
Frequency Range	1-12GHz
Insertion Loss (excluding theoretical loss 10.8dB)	3.0dB max
Input Port VSWR	1.3 typ, 1.65 max
Output Port VSWR	1.3 typ, 1.55 max
Isolation	16dB min
Amplitude Balance	±0.9dB
Phase Balance	±9°
Impedance	50 Ohms
Power Rating	20W(as a splitter)
Power Rating	1W(as a combiner)

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	166×102×10mm
Surface Finish	Black/Gray Painted

### ► Environmental Data

Operating Temperature	-45°C~+85°C
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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, 12 Way,  
1~12GHz, 20W, SMA-  
Female

**PART No.:**  
TMPD12-01001200-20S



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DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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**Notes:**

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