

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

## TECHNICAL DATA

### ► Electrical Data

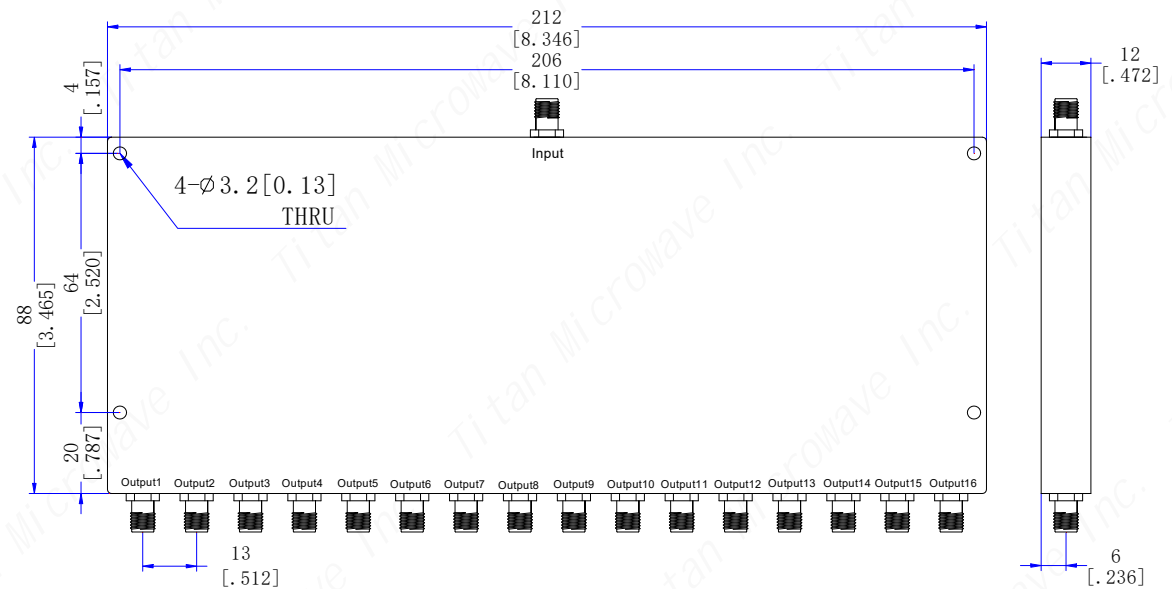
Frequency Range	0.7-2.7GHz
Insertion Loss (excluding theoretical loss 12.0dB)	1.5dB max
Input Port VSWR	1.15 typ, 1.30 max
Output Port VSWR	1.11 typ, 1.20 max
Isolation	20dB min, 26dB typ
Amplitude Balance	±0.3dB
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	20W(as a splitter)
Power Rating	1W(as a combiner)

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Connector Material	Stainless Steel
Dimensions	212×88×12mm
Surface Finish	Black Painted
Weight	480g

### ► Environmental Data

Operating Temperature	-45°C~+85°C
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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 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, 16 Way,  
0.7~2.7GHz, 20W,  
SMA-Female

**PART No.:**  
TMPD16-00700270-20S

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DIMENSIONS IN MILLIMETERS(mm)

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