

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

## TECHNICAL DATA

### Electrical Data

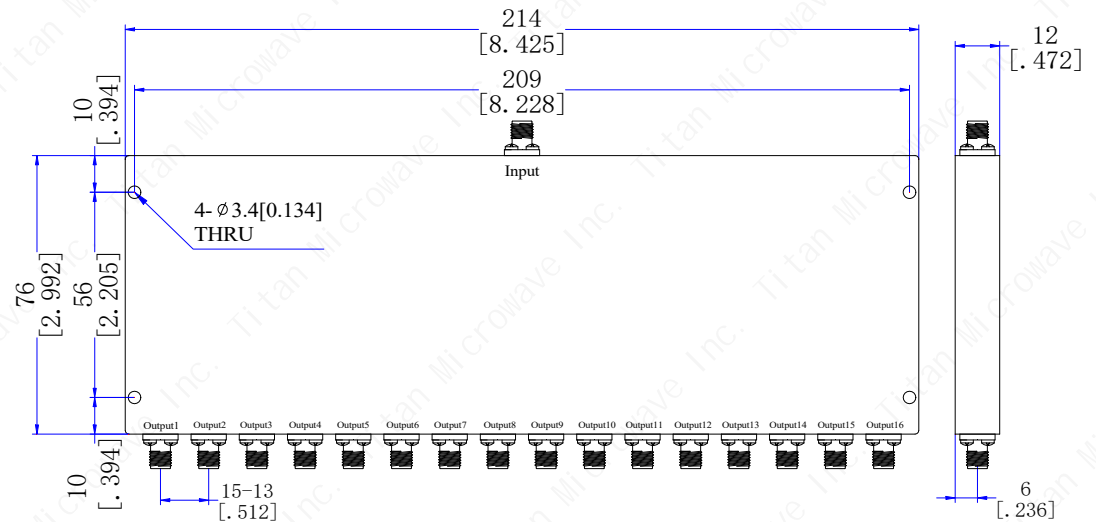
Frequency Range	1~50MHz
Insertion Loss	2.4dB max
(excluding theoretical loss 12.0dB)	
Input Port VSWR	1.50:1 max
Output Port VSWR	1.50:1 max
Isolation	18dB min, 26dB typ
Amplitude Balance	±0.8dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	1W(as a splitter) 0.5W(as a combiner)

### Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	214×76×12mm
Surface Finish	Conductive Oxidation
Weight	480g

### Environmental Data

Operating Temperature	-35℃~+75℃
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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, 1~50MHz, 1W,  
SMA-Female

#### PART No.:

TMPD16-1M0005-1S



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:  
A4

SCALE:

SHEET:  
1/1

REV:  
A