

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

TECHNICAL DATA

Electrical Data

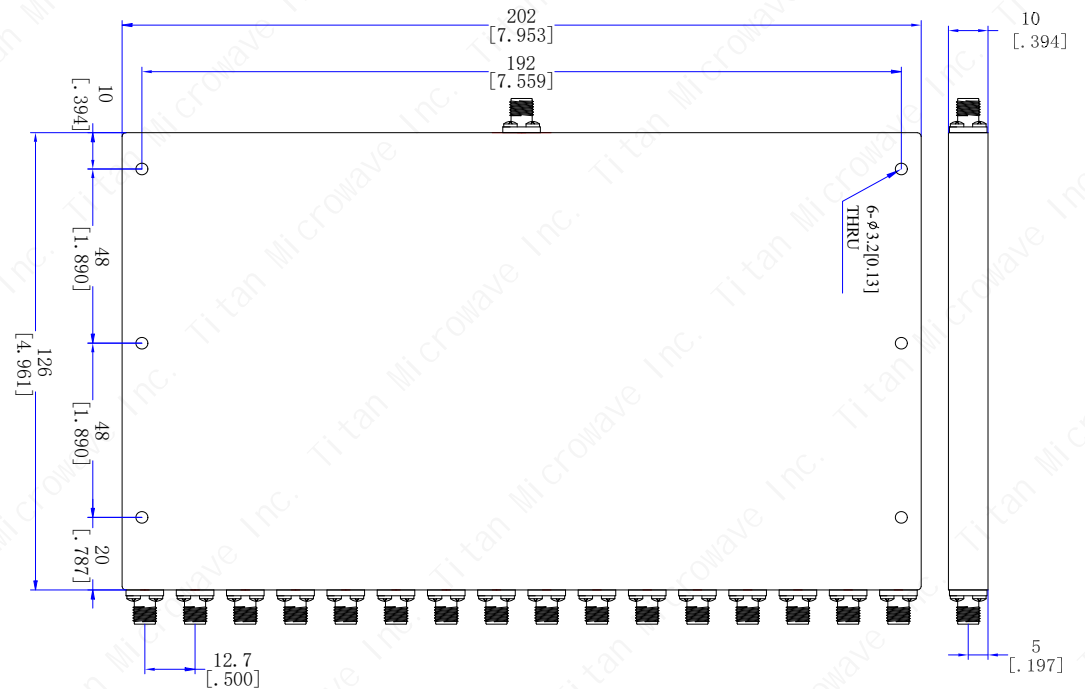
Frequency Range	1~18GHz
Insertion Loss (excluding theoretical loss 12.0dB)	3.4dB max
Input Port VSWR	5.0:1 max@1000~1200MHz 1.7:1 max@1200~18000MHz
Output Port VSWR	1.5:1 max
Isolation	13dB min@1000~1200MHz 17dB min@1200~18000MHz
Amplitude Balance	±0.5dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	10W(as a splitter) 1W(as a combiner)

Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	202×126×10mm
Surface Finish	Black Painted
Weight	820g

Environmental Data

Operating Temperature	-45℃~+85℃
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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
16 Way, 1~18GHz, 10W
SMA-Female



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DIMENSIONS IN MILLIMETERS(mm)

PART No.:
TMPD16-01001800-10S

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A

Notes:

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