

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

TECHNICAL DATA

► Electrical Data

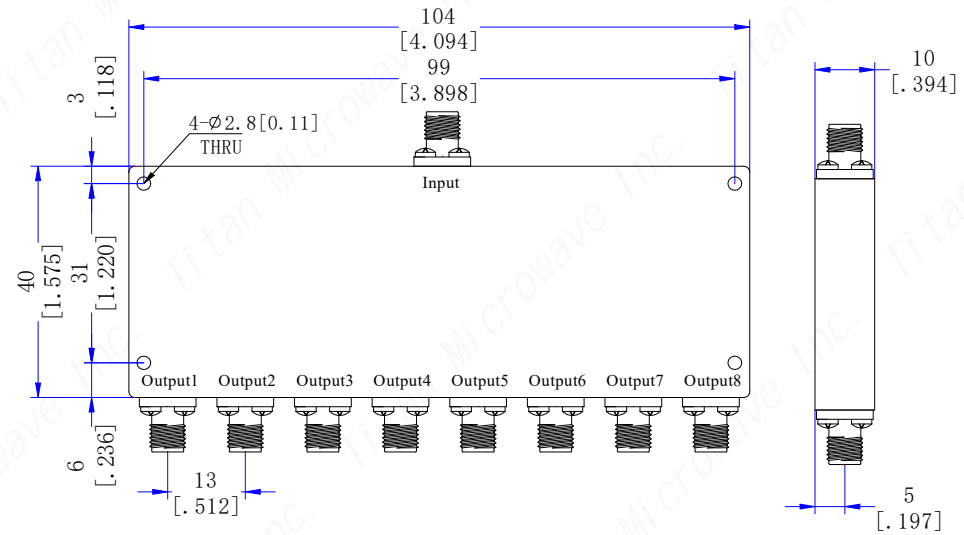
Frequency Range	18-21.2GHz
Insertion Loss	1.5dB max
(excluding theoretical loss 9.0dB)	
Input Port VSWR	1.38 typ, 1.50 max
Output Port VSWR	1.26 typ, 1.50 max
Isolation	18dB min, 24dB typ
Amplitude Balance	±0.5dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	20W(as a splitter)
Power Rating	1W(as a combiner)

► Mechanical Data

Input/Output Connectors	SMA-Female
Connector Material	Stainless Steel
Dimensions	104×40×10mm
Surface Finish	Black Painted
Weight	138g

► Environmental Data

Operating Temperature	-45℃~+85℃
-----------------------	-----------



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, 8 Way,
18~21.2GHz, 20W, SMA-
Female

PART No.:

TMPD8-18002120-20S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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