

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

TECHNICAL DATA

► Electrical Data

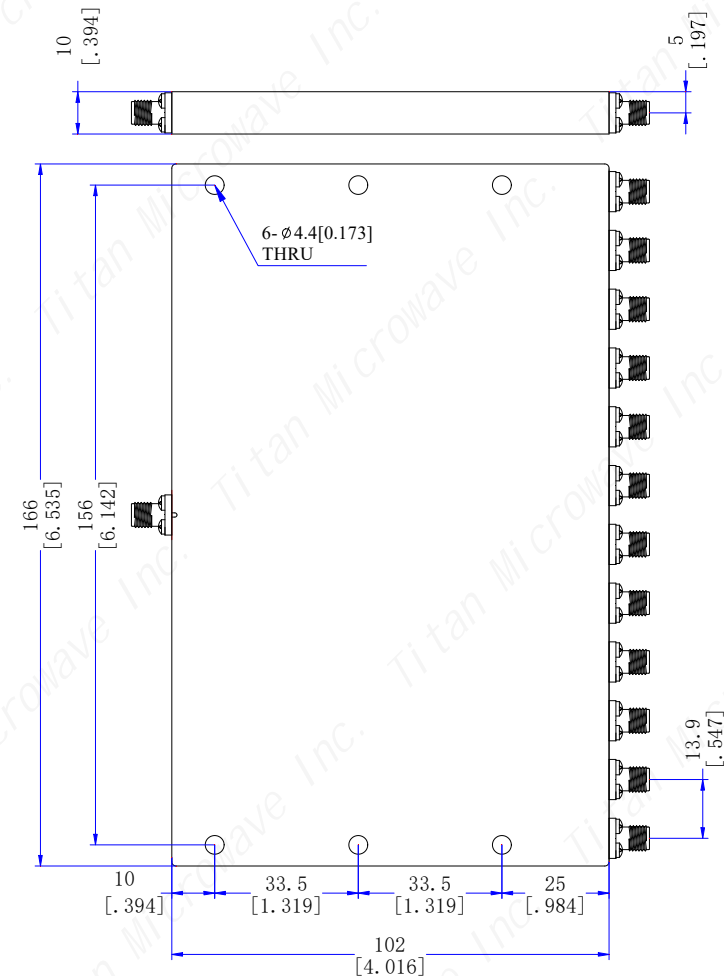
Frequency Range	12-18GHz
Insertion Loss (excluding theoretical loss 10.8dB)	2.8dB max
Input Port VSWR	1.35 typ, 1.6 max
Output Port VSWR	1.22 typ, 1.5 max
Isolation	16dB min
Amplitude Balance	±1.0dB
Phase Balance	±10°
Impedance	50 Ohms
Power Rating	10W(as a splitter)
Power Rating	1W(as a combiner)

► 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,
12~18GHz, 10W, SMA-
Female

PART No.:
TMPD12-12001800-10S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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

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