

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/6/15	C. Chen

TECHNICAL DATA

Electrical Data

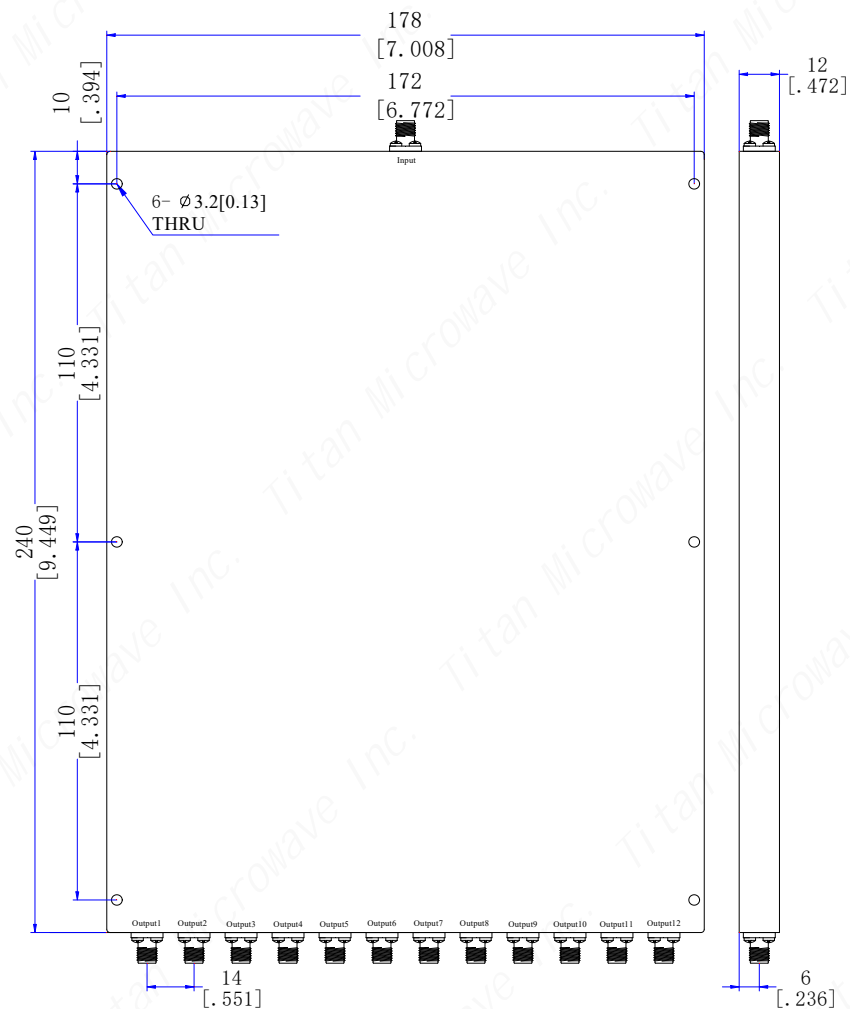
Frequency Range	400~6000MHz
Insertion Loss (excluding theoretical insertion loss 10.8dB)	5.8dB max
Isolation	18dB min
Input VSWR	1.6:1 max
Output VSWR	1.3:1 max
Amplitude Balance	±1.0dB
Phase Balance	±10°
Power Rating	10W(as a splitter)
Power Rating	1W(as a combiner)
Impedance	50 Ohms

Mechanical Data

Dimensions	240×178×12mm
Input/Output Connectors	SMA-Female
Surface Finish	Sandblasting Natural Color Conductive Oxidation

Environmental Data

Operating Temperature	-35℃~+75℃
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DRAWN: L. Ma 15/06/22		
ENGINEER: J. Zhu 15/06/22		
APPROVED: C. Chen 15/06/22		
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,
0.4-6GHz, 10W, SMA-
Female

PART No.:
TMPD12-00400600-10S



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