

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/8/10	C. Chen

TECHNICAL DATA

► Electrical Data

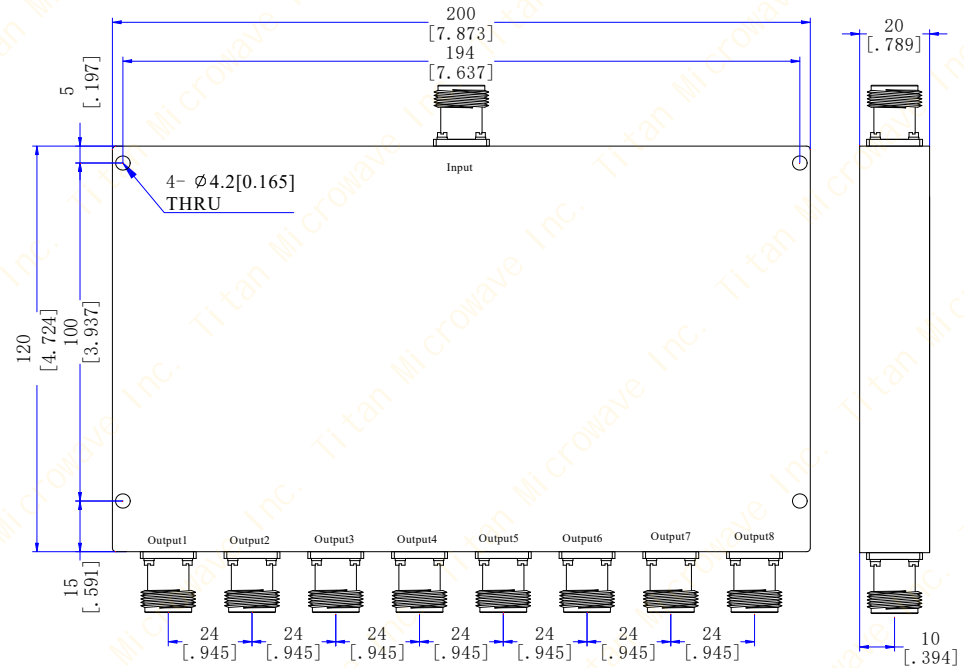
Frequency Range	0.5~6GHz
Insertion Loss (excluding theoretical loss 9.0dB)	3.2dB max
Input Port VSWR	1.18:1 typ, 1.40:1 max
Output Port VSWR	1.16:1 typ, 1.25:1 max
Isolation	18dB min, 28dB typ
Amplitude Balance	±0.4dB
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	30W(as a splitter) 2W(as a combiner)

► Mechanical Data

Input/Output Connectors	N-Female
Dimensions	200×120×20mm
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-35℃~+75℃
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DRAWN: L. Ma 10/08/23		
ENGINEER: J. Zhu 10/08/23		
APPROVED: C. Chen 10/08/23		
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,
0.5~6GHz, 30W,
N-Female

PART No.:
TMPD8-00500600-30N

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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