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

TECHNICAL DATA

▶ Electrical Data

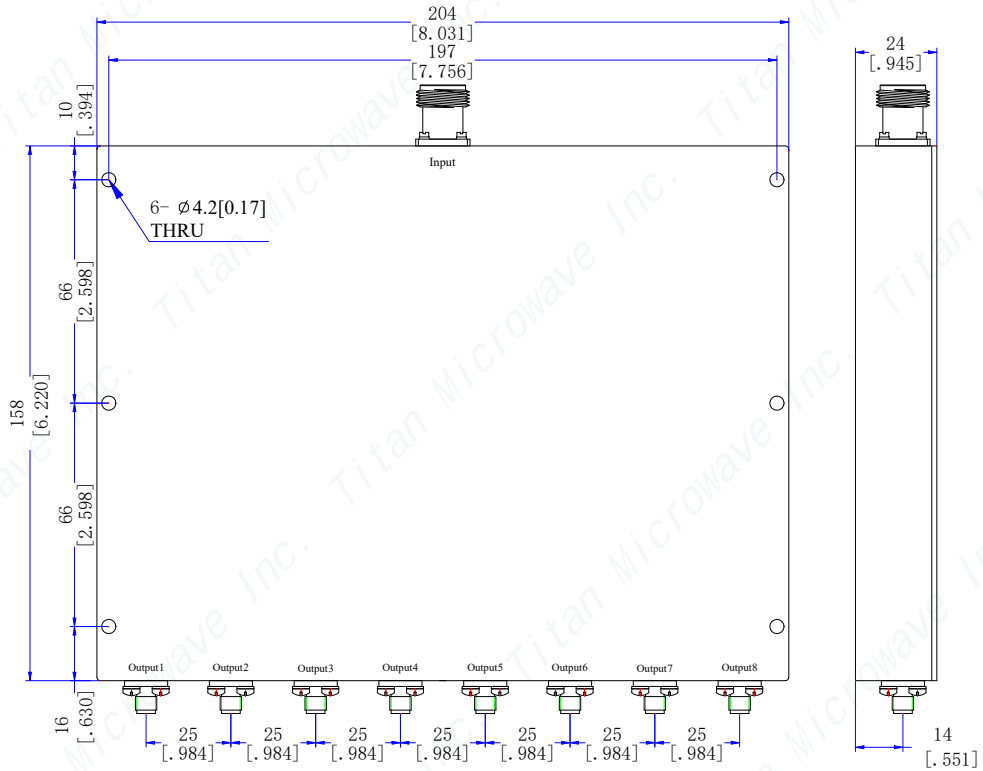
Frequency Range	2.35~2.55GHz
Insertion Loss	0.5dB max
(excluding theoretical loss 9.0dB)	
Input Port VSWR	1.18 typ, 1.45 max
Output Port VSWR	1.15 typ, 1.25 max
Isolation	18dB min, 26dB typ
Amplitude Balance	±0.2dB
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	300W(as a splitter)
Power Rating	20W(as a combiner)

▶ Mechanical Data

Input Connector	N-Female
Output Connectors	SMA-Female
Dimensions	204×158×24mm
Surface Finish	Sandblasting natural color conductive oxidation

▶ Environmental Data

Operating Temperature	-35℃~+75℃



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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, 2.35~2.55GHz, 300W, N & SMA-Female

PART No.:

TMPD8-02350255-300NS

成都巨人微波
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DIMENSIONS IN MILLIMETERS(mm)

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