REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/9/5	C. Chen

TECHNICAL DATA

▶ Electrical Data

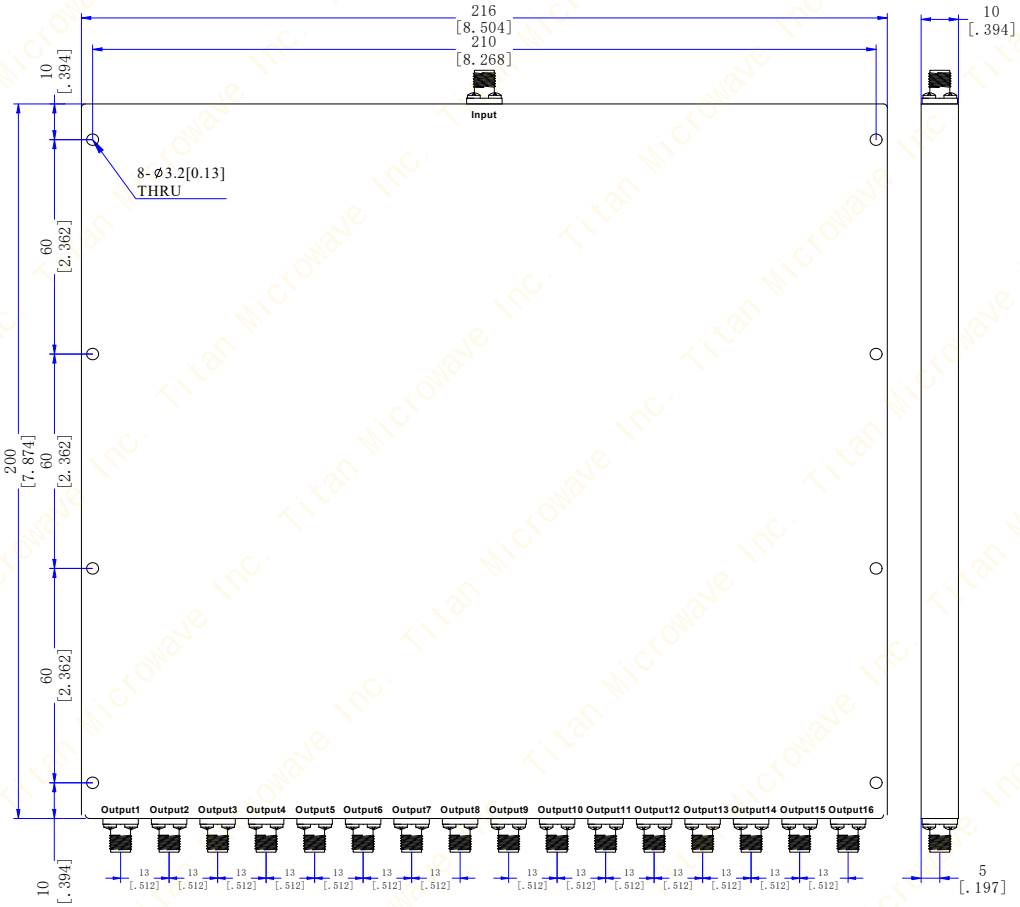
Frequency Range	500~9000MHz
Insertion Loss	5.2dB max
(excluding theoretical loss 12.0dB)	
Isolation	18dB min, 26dB typ
Input VSWR	1.80:1 max@500~700MHz
	1.50:1 max@700~10000MHz
Output VSWR	1.18:1 typ, 1.25:1 max
Amplitude Balance	±0.5dB
Phase Balance	±8°
Forward Power	20W(as a splitter)
	1W(as a combiner)
Impedance	50 Ohms

▶ Mechanical Data

Dimensions	216×200×10mm
Input Connector	SMA-Female
Output Connectors	SMA-Female
Surface Finish	Grey/Black/Blue Painted

▶ Environmental Data

Operating Temperature	-45℃~+85℃



Notes:

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

DRAWN: L. Ma 05/09/22

ENGINEER: J. Zhu 05/09/22

APPROVED: C. Chen 05/09/22

TOLERANCE UNLESS OTHERWISE SPECIFIED

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Power Divider
16-Way, 0.5-9GHz, 20W,
SMA-Female

PART No.:

TMPD16-00500900-20S

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DIMENSIONS IN MILLIMETERS(mm)

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