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

TECHNICAL DATA

▶ Electrical Data

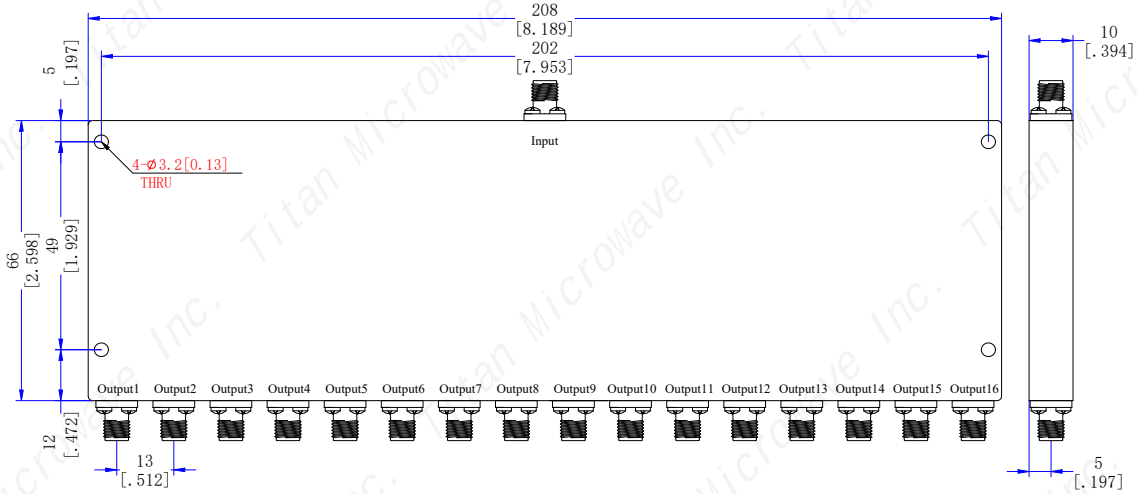
Frequency Range	33-37GHz
Insertion Loss	2.8dB max
(excluding theoretical loss 12.0dB)	
Input Port VSWR	1.28 typ, 1.60 max
Output Port VSWR	1.26 typ, 1.50 max
Isolation	16dB min, 22dB typ
Amplitude Balance	±0.8dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	10W(as a splitter)
Power Rating	1W(as a combiner)

▶ Mechanical Data

Input/Output Connectors	2.92mm-Female
Connector Material	Stainless Steel
Dimensions	66×208×10mm
Surface Finish	Black 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 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, 16 Way, 33~37GHz, 10W, 2.92mm-Female

PART No.:

TMPD16-33003700-10K

成都巨人微波 TITAN MICROWAVE INC.

- A Professional RF & Microwave Components Supplier -

www.titan-microwave.com

DIMENSIONS IN MILLIMETERS(mm)

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