

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

TECHNICAL DATA

► Electrical Data

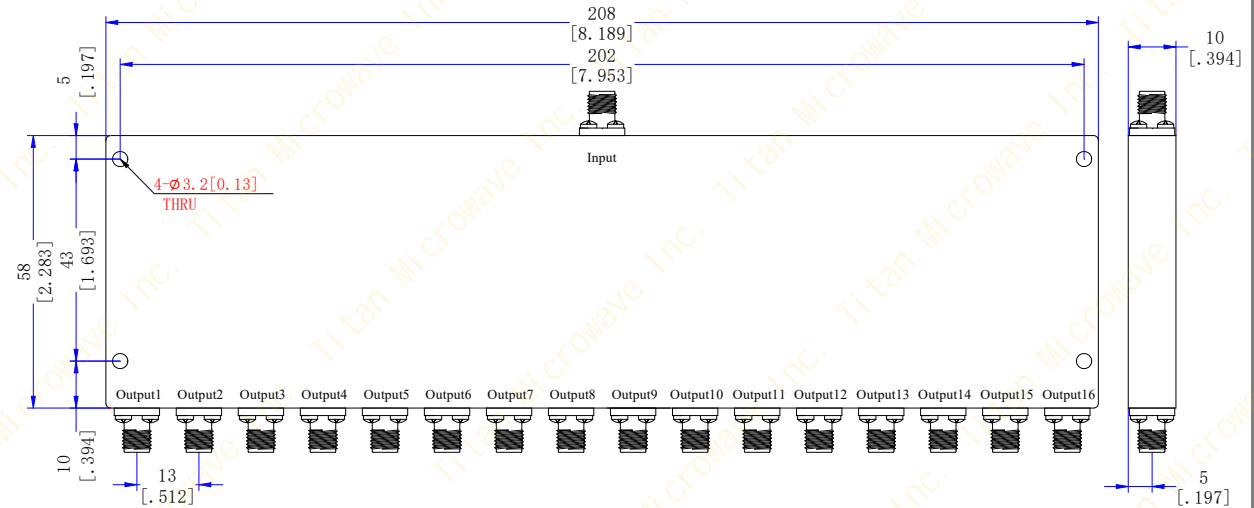
Frequency Range	24-28GHz
Insertion Loss	2.5dB max
(excluding theoretical loss 12.0dB)	
Input Port VSWR	1.28 typ, 1.60 max
Output Port VSWR	1.26 typ, 1.50 max
Isolation	18dB min, 22dB typ
Amplitude Balance	±0.8dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	10W(as a splitter) 1W(as a combiner)

► Mechanical Data

Input/Output Connectors	2.92mm-Female
Connector Material	Stainless Steel
Dimensions	208×58×10mm
Surface Finish	Black Painted

► Environmental Data

Operating Temperature	-45°C~+85°C
-----------------------	-------------



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- 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, 24~28GHz, 10W, 2.92mm-Female
PART No.:	TMPD16-24002800-10K

www.titan-microwave.com			
DIMENSIONS IN MILLIMETERS(mm)			
SIZE:	SCALE:	SHEET:	REV:
A4		1/1	A