

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/2/7	C. Chen

TECHNICAL DATA

► Electrical Data

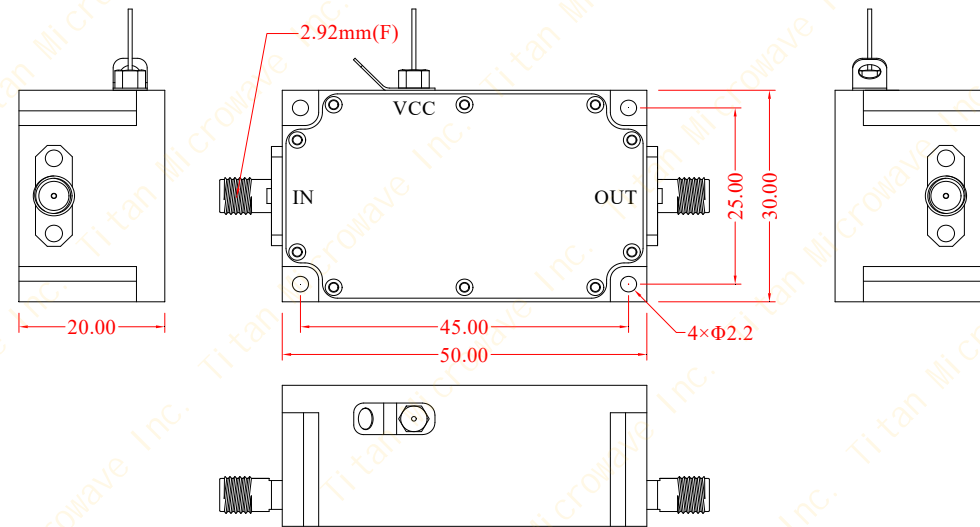
Frequency Range	25~27GHz
Output Power(P1dB)	+20dBm min
Gain	20dB min
Gain Flatness	±0.5dB max
Noise Figure	7.0dB max
VSWR	1.8:1 max
Impedance	50 Ohms
DC Power Supply	+12V typ,+18V max

► Mechanical Data

Dimensions	50×30×20mm
Input Connector	2.92mm-Female
Output Connector	2.92mm-Female
Power Supply Interface	Feedthru Capacitor
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-35℃~+75℃
-----------------------	-----------



Notes:

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

DRAWN: L. Ma 07/02/25		
ENGINEER: J. Zhu 07/02/25		
APPROVED: C. Chen 07/02/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Amplifier
25-27GHz, Gain 20dB, P1dB
20dBm, Noise Figure 7.0dB,
+12V, 2.92mm-Female

PART No.:
TPMA-25002700-2020P



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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