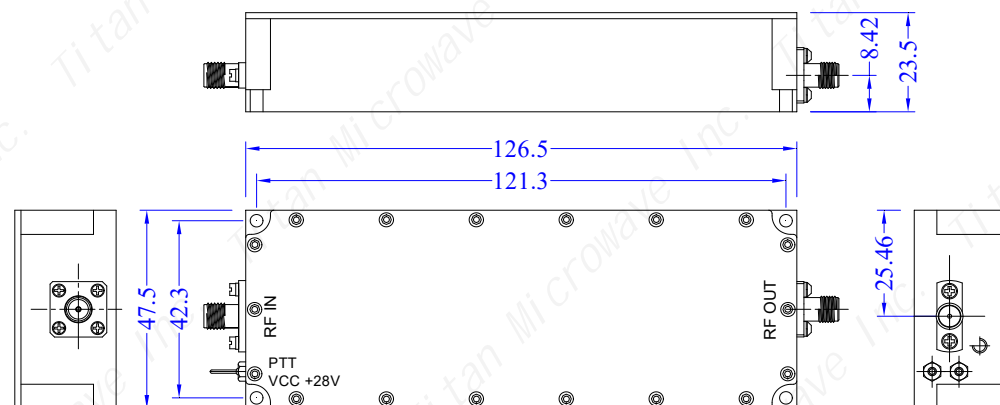


REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/3/16	C. Chen

## TECHNICAL DATA

### ► Electrical Data(50Ω, 25℃)

Frequency Range	1.5~200MHz
Output Power(CW, Psat)	≥37dBm
Gain	≥37dB
Gain Flatness	≤1±1dB
Input VSWR	≤1.6:1
Input Power	0±2dBm
Maximum Input Power	+6dBm
Harmonic	≤-10dBc
Spurious	≤-65dBc
Temperature Protection	Over 80℃ protection With open circuit protection Default OFF, 3.3-5V ON
PTT Port	
Operating Voltage	+28V~+32V
Operating Current	≤1~2A
VCC/Current Reference	28V/3A



### ► Mechanical Data

Dimensions	126.5×47.5×23.5mm
Input Connector	SMA-Female
Output Connector	SMA-Female
28V Power Supply Connector	Feedthru Capacitor
Weight	230g max
Package	1 piece/box

### ► Environmental Data

Operating Temperature	-30℃~+55℃
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! Stress above these ratings may cause permanent damage to the device  
Radiator/Heatsink required during operation or test

#### Notes:

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

DRAWN: L. Ma 16/03/23		
ENGINEER: J. Zhu 16/03/23		
APPROVED: C. Chen 16/03/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Power Amplifier, 1.5-  
200MHz, Gain 37dB,  
Output Power 37dBm,  
+28V, SMA-Female

**PART No.:**  
TMPA-1.5M200M-3737



[www.titan-microwave.com](http://www.titan-microwave.com)



DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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