

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/1/7	C. Chen

## TECHNICAL DATA

### ► Electrical Data

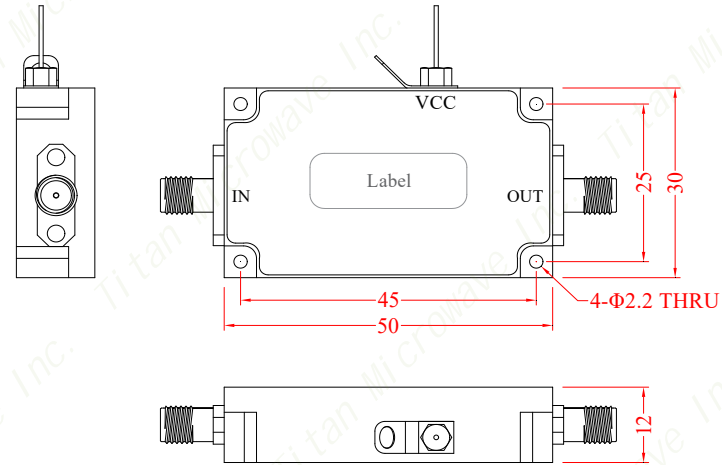
Frequency Range	0.3~1GHz
Output Power(P1dB)	+20dBm min
Gain	30dB
Gain Flatness	±1.0dB
Noise Figure	2.0dB max
VSWR	1.8:1 max
Impedance	50 ohms
Voltage	+15V
Current	250mA

### ► Mechanical Data

Dimensions	50×30×12mm
Input/Output Connectors	SMA-Female
Surface Finish	Nickel Plated

### ► Environmental Data

Operating Temperature	-40℃~+70℃
-----------------------	-----------



DRAWN: L. Ma 7/1/25		
ENGINEER: J. Zhu 7/1/25		
APPROVED: C. Chen 7/1/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Low Noise Amplifier, 0.3-1GHz, Gain 30dB, P1dB 20dBm, Noise Figure 2dB, +15V, SMA-Female

**PART No.:**  
TMLA-00300100-3020-20



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



DIMENSIONS IN MILLIMETERS(mm)

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

#### Notes:

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