

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/6/11	C. Chen

## TECHNICAL DATA

### ► Electrical Data

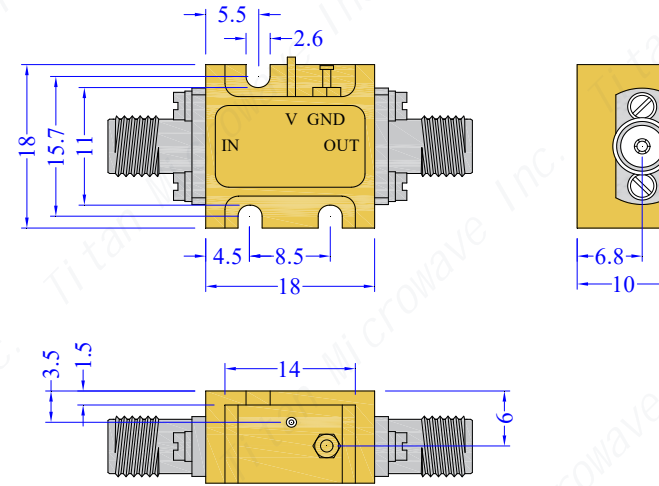
Frequency Range	4~9GHz
Output Power(P1dB)	10dBm min, 13dBm typ
Gain	22dB min
Gain Flatness	±0.5dB max
Noise Figure	1.5dB max
VSWR	1.6:1 typ, 1.8:1 max
OIP3	25dBm min
Revere Isolation	35dB max
Impedance	50 Ohms
Voltage	+12V
Current	100mA

### ► Mechanical Data

Dimensions	18×18×10mm
Input/Output Connectors	SMA-Female(stainless steel)
Surface Finish	Gold Plated

### ► Environmental Data

Operating Temperature	-40℃~+70℃(design assurance)
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DRAWN: L. Ma 11/06/24		
ENGINEER: J. Zhu 11/06/24		
APPROVED: C. Chen 11/06/24		
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, 4-9GHz, Gain 22dB, P1dB 10dBm, Noise Figure 1.5dB, +12V, SMA-Female

**PART No.:**  
TMLA-04000900-2210-15

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DIMENSIONS IN MILLIMETERS(mm)

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

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