

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/8/21	C. Chen

## TECHNICAL DATA

### ► Electrical Data

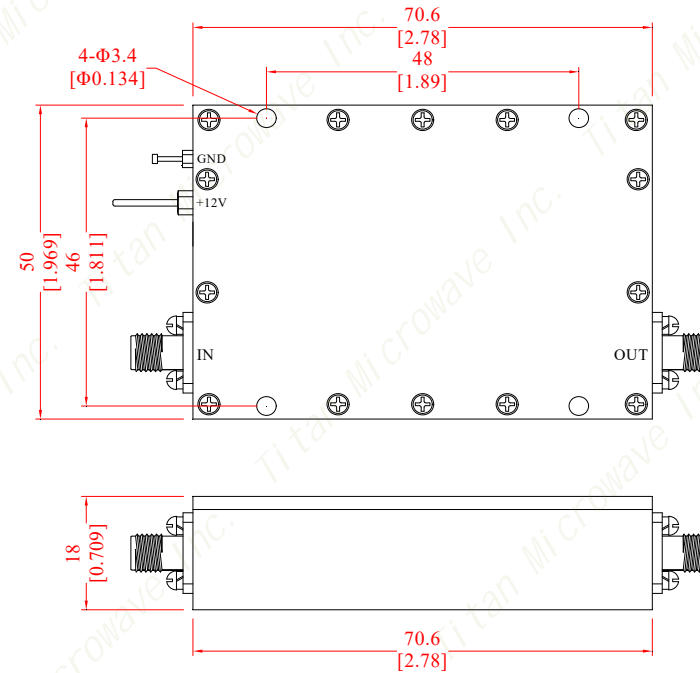
Frequency Range	6~18GHz
Output Power(P1dB)	23dBm typ
Gain	40dB typ
Gain Flatness	±2.5dB typ
Noise Figure	1.9dB typ
VSWR Input	1.8:1 typ
VSWR Output	2.0:1 typ
DC Voltage	+12V
Current	180mA
Input Power(CW)	+10dBm max
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	70.6×50×18mm
Input/Output Connector	SMA-Female
Weight	150g

### ► Environmental Data

Operating Temperature	-40℃~+55℃
Storage Temperature	-40℃~+85℃



#### Notes:

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

DRAWN: L. Ma 21/08/22		
ENGINEER: J. Zhu 21/08/22		
APPROVED: C. Chen 21/08/22		
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, 6-18GHz, Gain 40dB, P1dB 23dBm, Noise Figure 1.9dB, +12V, SMA-Female

**PART No.:**  
 TMLA-06001800-4023-19



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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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