

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

TECHNICAL DATA

► Electrical Data

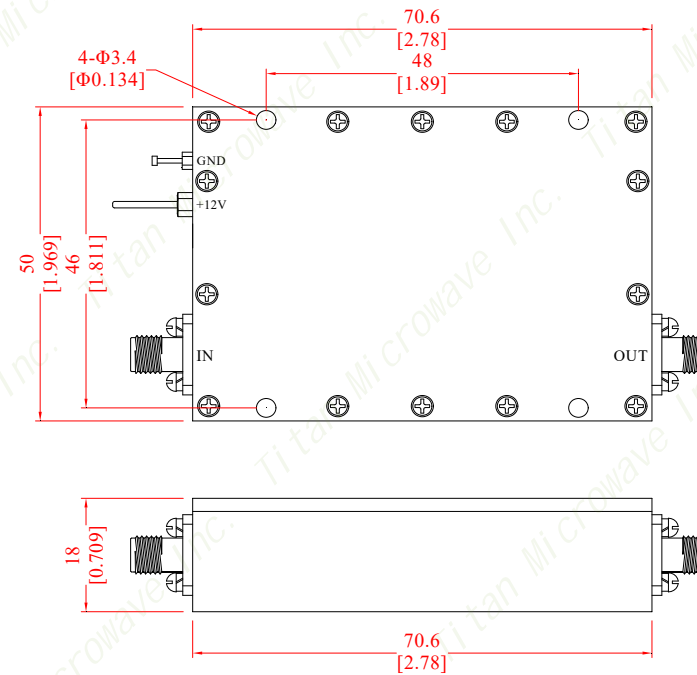
Frequency Range	12~18GHz
Output Power(P1dB)	19dBm typ
Gain	33dB typ
Gain Flatness	±2.5dB typ
Noise Figure	2.2dB typ
VSWR Input	1.8:1 typ
VSWR Output	2.0:1 typ
DC Voltage	+12V
Current	350mA
Input Power(CW)	-15dBm max
Impedance	50 Ohms

► 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, 12-18GHz, Gain 33dB, P1dB 19dBm, Noise Figure 2.2dB, +12V, SMA-Female

PART No.:

TMLA-12001800-3319-22



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A