

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

TECHNICAL DATA

► Electrical Data

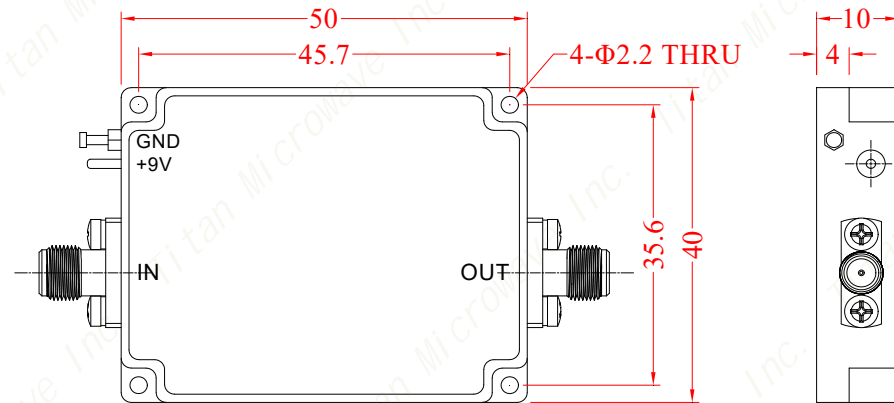
Frequency Range	0.1~20GHz
Output Power(P1dB)	10dBm min
Gain	40dB
Gain Flatness	±1.5dB max
Noise Figure	2.5dB max
VSWR	2.0:1 max
Spurious	60dBc min
Impedance	50 ohms
Voltage	+9V

► Mechanical Data

Dimensions	50×40×10mm
Input/Output Connectors	SMA-Female
Surface Finish	Nickel Plated

► Environmental Data

Operating Temperature	-40℃~+65℃
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Notes:

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

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, 0.1-20GHz, Gain 40dB, P1dB 10dBm, Noise Figure 2.5dB, +9V, SMA-Female

PART No.:
 TMLA-00102000-4010-25



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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