REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/6/30	C. Chen

TECHNICAL DATA

▶ Electrical Data(50Ω, 25°C)

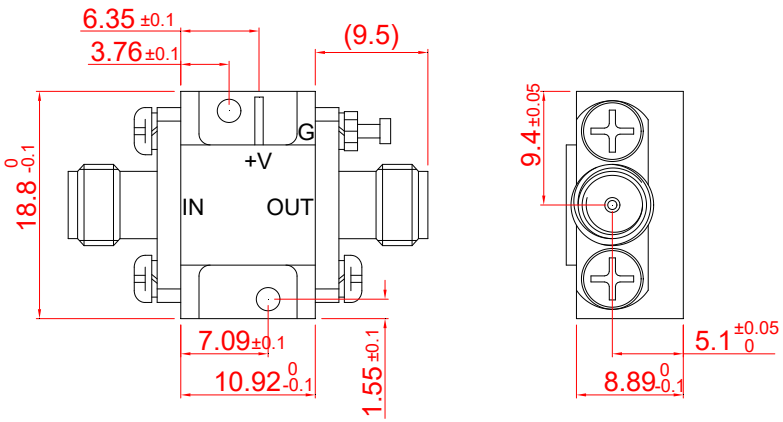
Frequency Range	2400~2600MHz
Small Signal Gain	28.5dB min, 30dB typ
Gain Flatness	±0.25dB typ, ±0.5dB max
Output Power(P1dB)	+14dBm min
OIP3	+25dBm min
Noise Figure	0.6dB typ, 1.0dB max
Input/Output VSWR	1.5:1 typ, 1.8:1 max
Impedance	50 Ohms
Max Input Power	+10dBm max
Voltage	+5.5V min, +6V max
Current	50mA typ, 70mA max

▶ Mechanical Data

Dimensions	10.92×18.8×8.89mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Surface Finish	Nickel Plated

▶ Environmental Data

Operating Temperature	-20℃~+85℃
Storage Temperature	-40℃~+100℃



Notes:

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

DRAWN: L. Ma 30/06/25

ENGINEER: J. Zhu 30/06/25

APPROVED: C. Chen 30/06/25

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 2.4-2.6GHz, Gain 28.5dB, P1dB 14dBm, Noise Figure 1dB, +6V, SMA-Female

PART No.:

TMLA-02400260-2814-10

成都巨人微波 TITAN MICROWAVE INC.

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DIMENSIONS IN MILLIMETERS(mm)

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