

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

TECHNICAL DATA

► Electrical Data

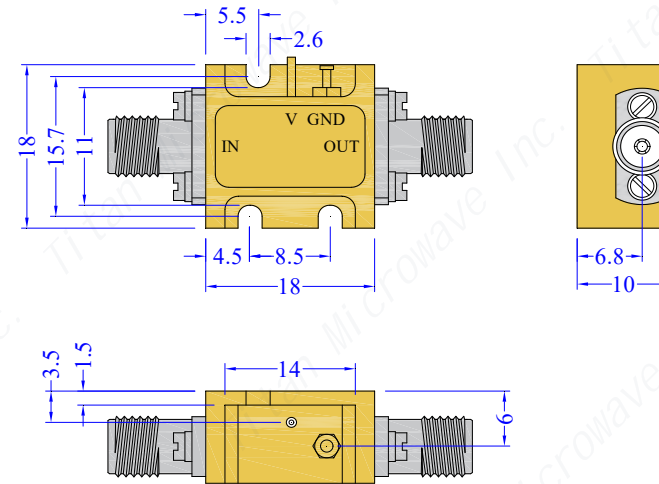
Frequency Range	2~4GHz
Output Power(P1dB)	10dBm typ
Gain	28dB min
Gain Flatness	±2.0dB max
Noise Figure	1.0dB typ, 1.8dB max
VSWR	1.5:1 typ, 2.0:1 max
Impedance	50 Ohms
Voltage	+12V
Current	150mA


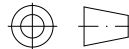
► Mechanical Data

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	TITLE: Low Noise Amplifier, 2-4GHz, Gain 28dB, P1dB 10dBm, Noise Figure 1.8dB, +12V, SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small>				
ENGINEER: J. Zhu 11/06/24				www.titan-microwave.com		
APPROVED: C. Chen 11/06/24		 DIMENSIONS IN MILLIMETERS(mm)				
TOLERANCE UNLESS OTHERWISE SPECIFIED		PART No.:	SIZE: A4	SCALE:	SHEET: 1/1	REV: A
x	±0.50 [0.019"]					
.x	±0.20 [0.008"]					
.xx	±0.10 [0.004"]					
ANGLES	±1°					

Notes:

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