

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/5/19	C. Chen

TECHNICAL DATA

► Electrical Data

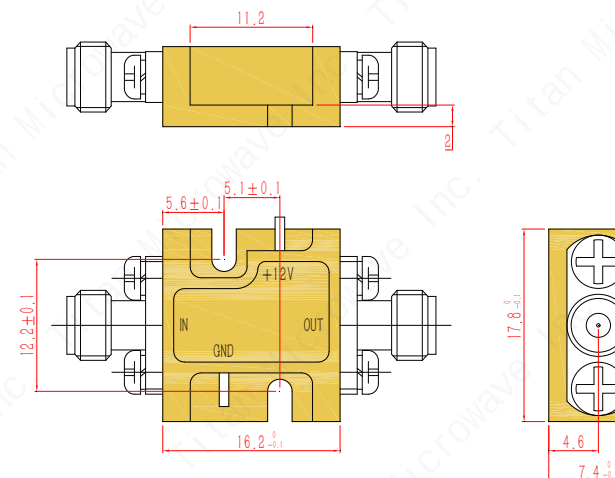
Frequency Range	2~4GHz
Output Power(P1dB)	+10dBm min, +12dBm typ
Gain	35dB min
Gain Flatness	±1.0dB typ, ±1.5dB max
Noise Figure	1.5dB typ, 1.8dB max
OIP3	+18dBm min
Impedance	50 Ohms
Input/Output VSWR	1.8:1 typ, 2:1 max
DC Power Supply	+12V
Current	120mA

► Mechanical Data

Dimensions	16.2×17.8×7.4mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Power Supply Interface	Feedthru Capacitor
Surface Finish	Gold Plated

► Environmental Data

Operating Temperature	-40℃~+70℃
Storage Temperature	-55℃~+100℃



Notes:

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

DRAWN: L. Ma 19/05/25			TITLE: Low Noise Amplifier, 2-4GHz, Gain 35dB, P1dB 10dBm, Noise Figure 1.8dB, +12V, SMA-Female 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 19/05/25						
APPROVED: C. Chen 19/05/25						
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x	±0.50	[0.019"]	DIMENSIONS IN MILLIMETERS(mm)			
.x	±0.20	[0.008"]				
.xx	±0.10	[0.004"]				
ANGLES	±1°					
PART No.:						
TMLA-02000400-3510-18			SIZE: A4	SCALE:	SHEET: 1/1	REV: A