

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/6/4	C. Chen

TECHNICAL DATA(@25°C)

► Electrical Data

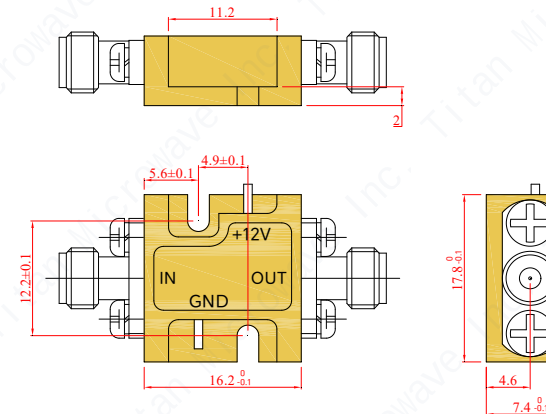
Frequency Range	18~40GHz
Output Power(P1dB)	+15dBm min, +16dBm typ
Small Signal Gain	25dB min, 30dB typ
Gain Flatness	±1.5dB typ, ±2.5dB max
Noise Figure	2.5dB typ, 4dB max
Input VSWR	1.8:1 typ, 2:1 max
Output VSWR	1.8:1 typ, 2.2:1 max
Impedance	50 Ohms
Voltage	+12V typ
Current	150mA typ

► Mechanical Data

Dimensions	16.2×17.8×7.4mm
Input Connector	2.92mm-Female
Output Connector	2.92mm-Female
Power Supply Interface	Feedthru Capacitor

► 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 04/06/25			TITLE: Low Noise Amplifier 18-40GHz, Gain 25dB, P1dB 15dBm, Noise Figure 4dB, +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 04/06/25						
APPROVED: C. Chen 04/06/25						
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMLA-18004000-2515-40		DIMENSIONS IN MILLIMETERS(mm) 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°						