

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/7	C. Chen

TECHNICAL DATA

► Electrical Data

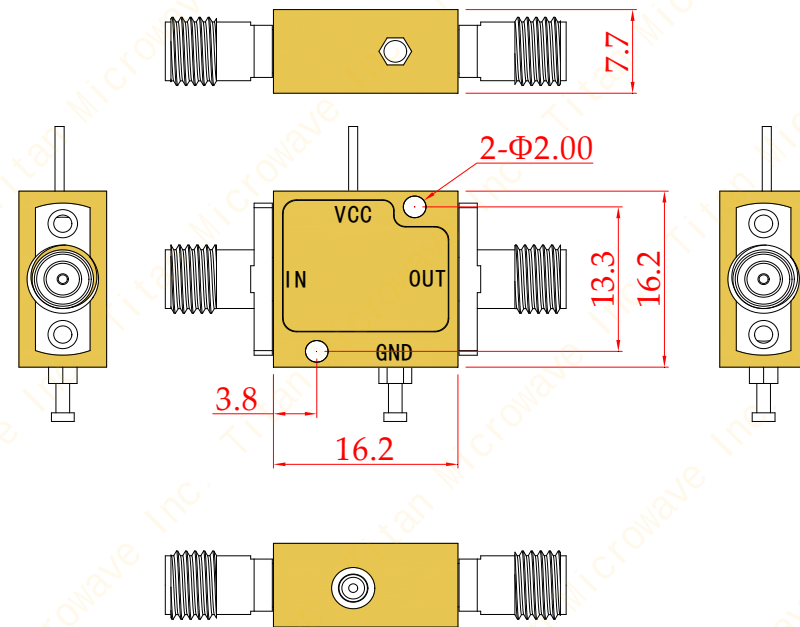
Frequency Range	18~40GHz
Output Power(P1dB)	+10dBm min
Gain	24dB min
Gain Flatness	±2.5dB max
Noise Figure	4.0dB max
Impedance	50 Ohms
VSWR	2.5:1 max
DC Power Supply	+12V/350mA

► Mechanical Data

Dimensions	16.2×16.2×7.7mm
Input Connector	2.92mm-Female
Output Connector	2.92mm-Female
Power Supply Interface	Feedthru Capacitor
Surface Finish	Gold Plated

► Environmental Data

Operating Temperature	-40℃~+60℃
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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 07/03/25			TITLE: Low Noise Amplifier 18-40GHz, Gain 24dB, P1dB 10dBm, Noise Figure 4dB, +12V, 2.92mm-Female		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com					
ENGINEER: J. Zhu 07/03/25										
APPROVED: C. Chen 07/03/25										
TOLERANCE UNLESS OTHERWISE SPECIFIED										
x	±0.50	[0.019"]	PART No.: TMLA-18004000-2410-40		DIMENSIONS IN MILLIMETERS(mm)					
.x	±0.20	[0.008"]								
.xx	±0.10	[0.004"]								
ANGLES	±1°									
			SIZE:		SCALE:		SHEET:		REV:	
			A4				1/1		A	