

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/1/30	C. Chen

TECHNICAL DATA

► Electrical Data(@50Ω, 25°C)

Frequency Range	24~34GHz
Output Power(P1dB)	+20dBm min
Small Signal Gain	25dB min, 30dB max
Gain Flatness	±1.5dB max
Noise Figure	3.0dB typ, 4.0dB max
Impedance	50 Ohms
Input VSWR	1.8:1 typ, 2.0:1 max
Output VSWR	1.8:1 typ, 2.0:1 max
Voltage	+9V min, +12V typ, +15V max
Current	200mA typ

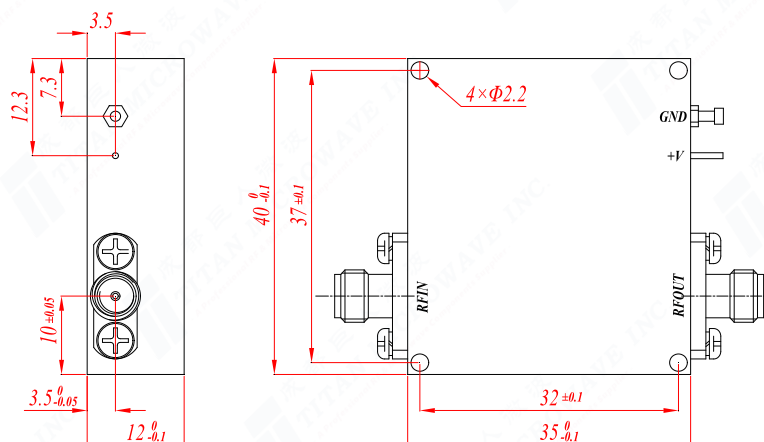
► Mechanical Data

Dimensions	35×40×12mm
Input/Output Connectors	2.92mm-Female
+12V Power Supply Interface	Feedthru Capacitor

► Environmental Data

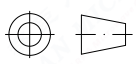
Operating Temperature	-10℃~+60℃
Storage Temperature	-40℃~+85℃

1. All products undergo temperature testing. Additional testing is available upon request and will be billed separately.
2. Product features laser sealing.



Notes:

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

DRAWN: L. Ma 30/01/26	TITLE: Low Noise Amplifier, 24-34GHz, Gain 25dB, P1dB 20dBm, Noise Figure 4dB, +12V, 2.92mm- Female PART No.: TMLA-24003400-2520-40	 www.titan-microwave.com		
ENGINEER: J. Zhu 30/01/26				
APPROVED: C. Chen 30/01/26		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]		SIZE:	SCALE:	SHEET:
.x ±0.20 [0.008"]		A4		1/1
.xx ±0.10 [0.004"]				REV:
ANGLES ±1°				A