

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/12/11	C. Chen

TECHNICAL DATA

Electrical Data

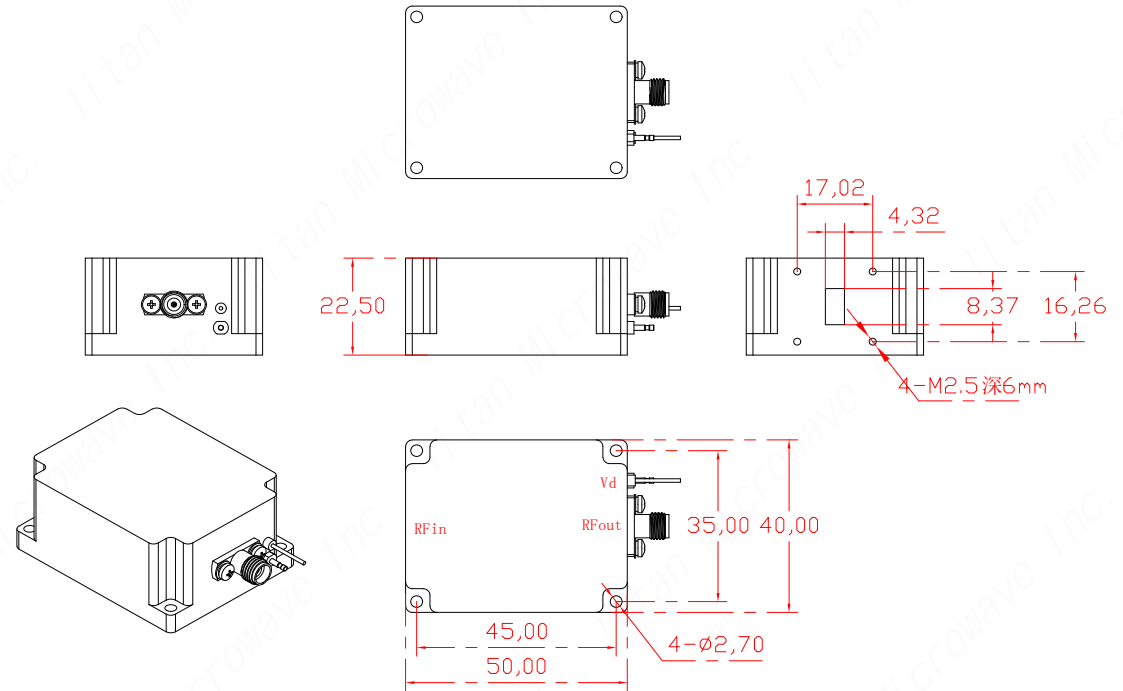
Frequency Range	25.5~27GHz
Gain	40dB min
Gain Flatness	±1.5dB max
Noise Figure	2.5dB typ, 2.7dB max
Output Power(P1dB)	+10dBm min
RF Input Power	0dBm max
Output 3rd Order Intercept (OIP3)	+15dBm min
Spurious	-60dBc max
Impedance	50 Ohms
VSWR	1.8:1 max
DC Power Supply	+15V typ

Mechanical Data

Dimensions	50×40×22.5mm
Input Interface	WR-34(BJ260)
Output Connector	2.92mm-Female

Environmental Data

Operating Temperature	-20℃~+50℃
Storage Temperature	-40℃~+85℃



DRAWN: L. Ma 11/12/24		
ENGINEER: J. Zhu 11/12/24		
APPROVED: C. Chen 11/12/24		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Low Noise Amplifier, 25.5-27GHz, Gain 40dB, P-1dB 10dBm, N.F. 2.5dB, +15V, 2.92mm-Female

PART No.:

TMLA-25502700-4010-25



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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Notes:

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