

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/1/8	C. Chen

TECHNICAL DATA

► Electrical Data

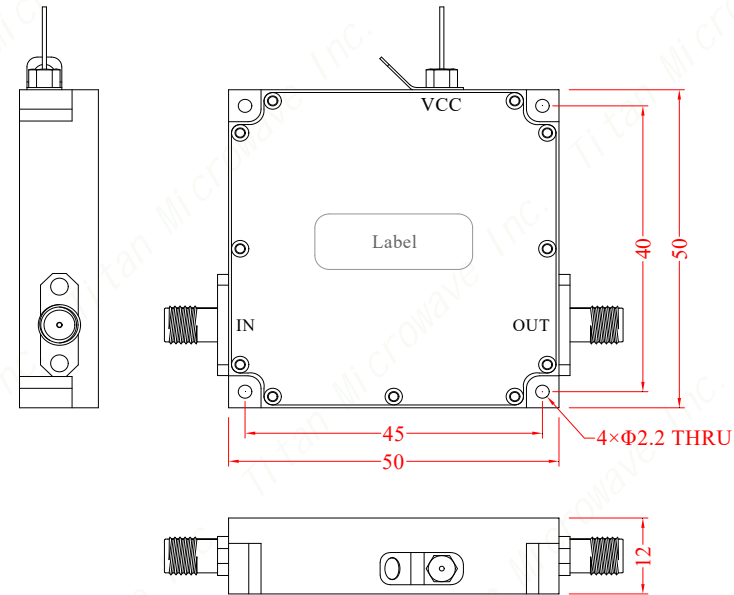
Frequency Range	0.3~1GHz
Output Power(P1dB)	+25dBm min
Gain	30dB
Gain Flatness	±1.0dB
Noise Figure	2.5dB max
VSWR	2.0:1 max
Impedance	50 ohms
Voltage	+15V
Current	300mA

► Mechanical Data

Dimensions	50×50×12mm
Input/Output Connectors	SMA-Female
Surface Finish	Nickel Plated

► Environmental Data

Operating Temperature	-40℃~+70℃
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DRAWN: L. Ma 8/1/25		
ENGINEER: J. Zhu 8/1/25		
APPROVED: C. Chen 8/1/25		
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, 0.3-1GHz, Gain 30dB, P1dB 25dBm, Noise Figure 2.5dB, +15V, SMA-Female

PART No.:

TMLA-00300100-3025-25



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A

Notes:

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