

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

TECHNICAL DATA

► Electrical Data

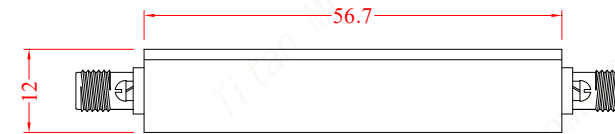
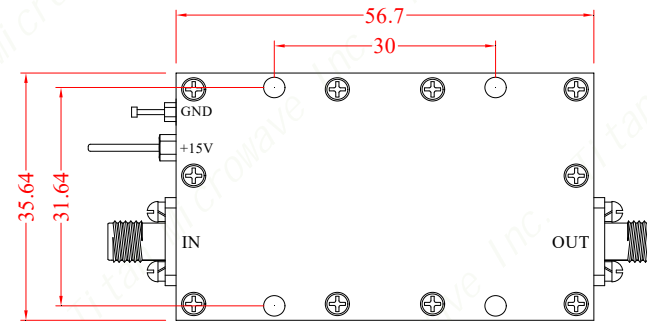
Frequency Range	0.3~1GHz
Output Power(P1dB)	+22dBm min, +25dBm typ
Gain	35dB typ
Gain Flatness	±2.0dB typ
Noise Figure	1.4dB typ, 2.0dB max
Input VSWR	1.5:1 typ, 2.0:1 max
Input Power	0dBm max
Impedance	50 ohms
Voltage	+15V
Current	350mA

► Mechanical Data

Dimensions	56.7×35.64×12mm
Input/Output Connectors	SMA-Female
Surface Finish	Conductive Oxide
Weight	150g

► Environmental Data

Operating Temperature	-40℃~+55℃
Storage Temperature	-40℃~+85℃



Notes:

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

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 35dB, P1dB 25dBm, Noise Figure 2.0dB, +15V, SMA-Female

PART No.:

TMLA-00300100-3525-20



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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