

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/12/12	C. Chen

TECHNICAL DATA

► Electrical Data(@50Ω, 25°C)

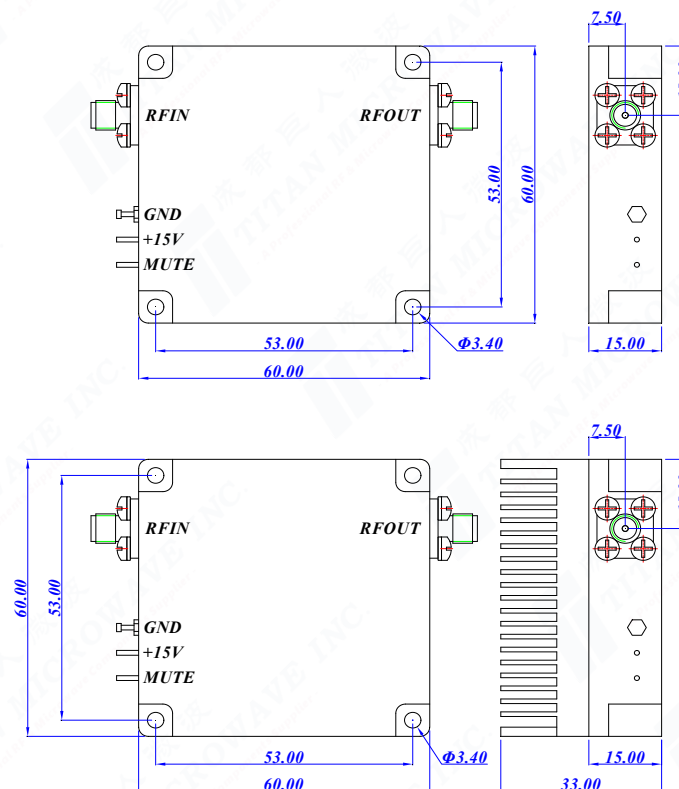
Frequency Range	0.8~4.2GHz
Power Gain	30dB min
Gain Flatness	±0.8dB typ, ±1.5dB max
Output Power(Psat)	+31dBm min
Input VSWR	1.8:1 typ, 2.0:1 max
Voltage	+15V typ
Current	500mA typ

► Mechanical Data

Dimensions	60×60×15mm
Input Connector	SMA-Female
Output Connector	SMA-Female
15V Power Supply Interface	Feedthru Capacitor

► Environmental Data

Operating Temperature	-40℃~+70℃
Storage Temperature	-55℃~+100℃



Notes:

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

DRAWN: L. Ma 12/12/25		
ENGINEER: J. Zhu 12/12/25		
APPROVED: C. Chen 12/12/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE: Power Amplifier, 0.8-4.2GHz, Gain 30dB, Output Power(Psat) 31dBm, +15V, SMA- Female	PART No.: TMPA-00800420-3031

 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
www.titan-microwave.com			
 DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE:	SHEET: 1/1	REV: A