

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/12/18	C. Chen

TECHNICAL DATA

► Electrical Data(@50Ω, 25°C)

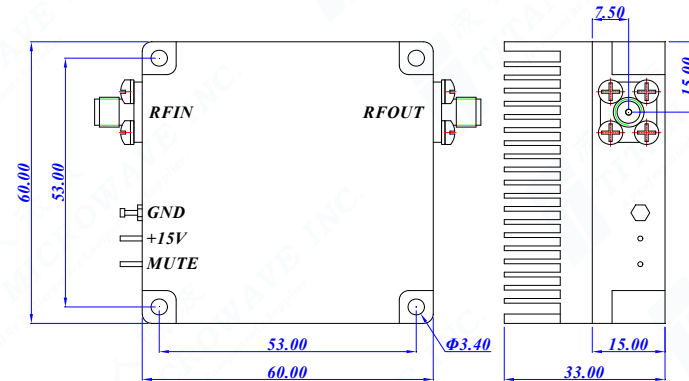
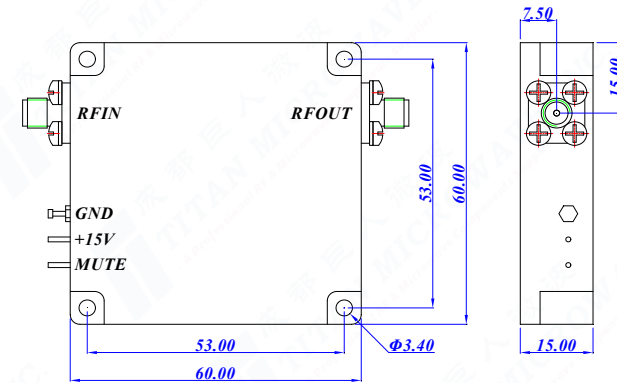
Frequency Range	4~6GHz
Power Gain	30dB min
Gain Flatness	±0.8dB typ, ±1.0dB max
Output Power(Psat)	+33dBm min, +34dBm typ
Output Power(P3dB)	+30dBm min, +33dBm typ
OIP3	+38dBm typ
Max Input Power	+5dBm max
Input VSWR	1.8 typ, 2.0 max
Voltage	+10V min, +12V typ, +15V max
Current	550mA typ

► Mechanical Data

Dimensions	60×60×15mm
Input Connector	SMA-Female
Output Connector	SMA-Female
12V Power Supply Interface	Feedthru Capacitor

► Environmental Data

Operating Temperature	-0°C~+60°C
Storage Temperature	-40°C~+85°C



Notes:

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

DRAWN: L. Ma 18/12/25	TITLE: Power Amplifier, 4-6GHz, Gain 30dB, Output Power(Psat) 33dBm, +12V, SMA-Female	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 18/12/25					
APPROVED: C. Chen 18/12/25					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x ±0.50 [0.019"]	PART No.: TMPA-04000600-3033	  DIMENSIONS IN MILLIMETERS(mm)			
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A