

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/5/19	C. Chen

TECHNICAL DATA

► Electrical Data

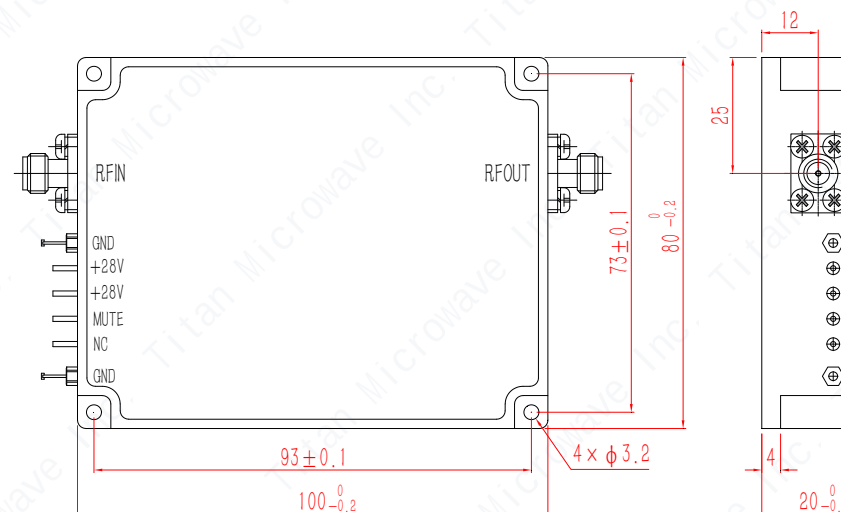
Frequency Range	2~4GHz
Gain	42dB min
Gain Flatness	±1.0dB typ, ±1.5dB max
Psat	+40dBm min, +41dBm typ
Input VSWR	1.8:1 typ, 2:1 max
Impedance	50 Ohms
DC Power Supply	+28V@1.5A

► Mechanical Data

Dimensions	100×80×20mm
Input/Output Connector	SMA-Female
28V Power Supply Interface	Feedthru Capacitor
Surface Finish	Conductive Oxidation

► 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 19/05/25		
ENGINEER: J. Zhu 19/05/25		
APPROVED: C. Chen 19/05/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Power Amplifier,
2~4GHz, Gain 42dB, Psat
40dBm, +28V/1.5A,
SMA-Female

PART No.:

TMPA-02000400-4240



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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