

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/2/9	C. Chen

TECHNICAL DATA

► Electrical Data(50Ω, 25°C)

Frequency Range	2390MHz min, 2400MHz typ, 2410MHz max
Power Gain	47dB min
Power Gain Flatness	±1.0dB typ
Output Power(Psat)	+47dBm(50W) min
Input VSWR	1.5:1 typ, 2.0:1 max
Output VSWR	1.5:1 typ, 2.0:1 max(small signal state)
Operating Voltage	+24V min, +28V typ, +32V max
Operating Current	4A typ

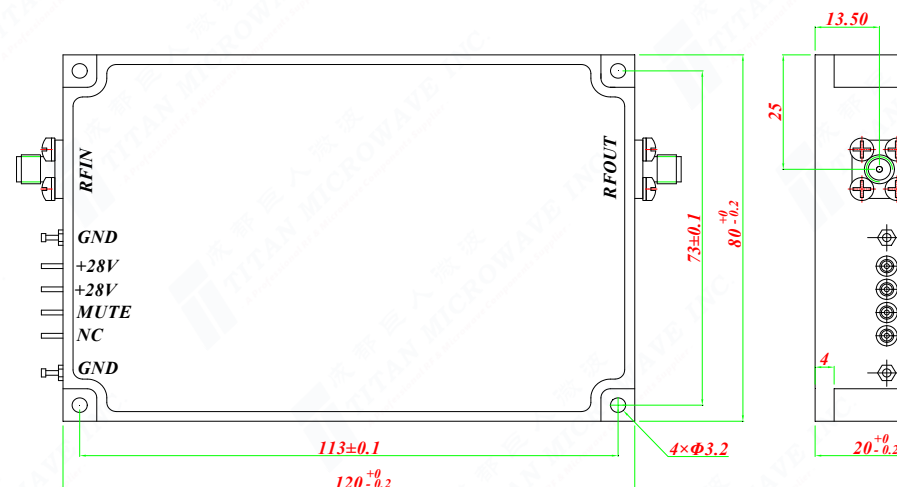
► Mechanical Data

Dimensions	120×80×20mm
Input/Output Connector	SMA-Female
28V Power Supply Interface	Feedthru Capacitor
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-40℃~+60℃
Storage Temperature	-55℃~+85℃

Note:Heatsink required when operation.



Notes:

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

DRAWN: L. Ma 09/02/26		
ENGINEER: J. Zhu 09/02/26		
APPROVED: C. Chen 09/02/26		
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 47dB, Psat
47dBm, +28V/4A,
SMA-Female

PART No.:

TPMA-02390241-4747



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DIMENSIONS IN MILLIMETERS(mm)

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