

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/8/11	C. Chen

## TECHNICAL DATA

### ► Electrical Data(50Ω, 25°C)

Frequency Range	1.4~2.4GHz
Output Power(CW, Psat)	≥40dBm
Gain	≥42dB
Gain Flatness	≤2±1dB
Input VSWR	≤1.8:1
Input Power	1±2dBm
Max Input Power	+6dBm
Harmonic	≥13dBc
Spurious	≤-65dBc
PTT Port	Default OFF, 3.3~5V ON
Operating Voltage	≤2A
VCC/Current Reference	+28V~+32V/5A
Max Operation Voltage	+32V

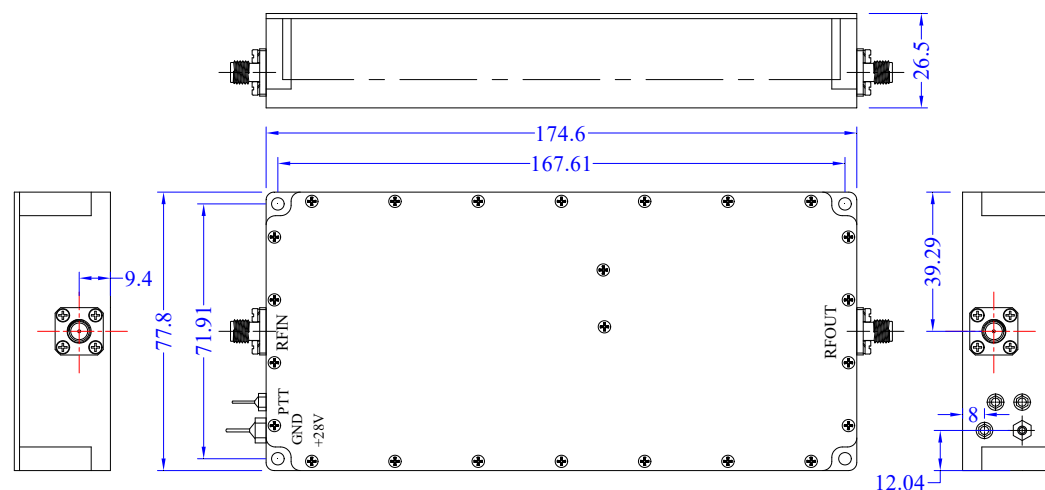
### ► Mechanical Data

Dimensions	174.6×77.8×26.5mm
Input Connector	SMA-Female
Output Connector	SMA-Female
28V Power Supply Connector	Feedthru Capacitor
Weight	520g

### ► Environmental Data

Operating Temperature	-30°C~+55°C
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! Stress above these ratings may cause permanent damage to the device  
Radiator/Heatsink required during operation or test



#### Notes:

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

DRAWN: L. Ma 11/08/23		
ENGINEER: J. Zhu 11/08/23		
APPROVED: C. Chen 11/08/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

#### TITLE:

Power Amplifier, 1.4-2.4GHz, Gain 42dB, Output Power 40dBm, +28V, SMA-Female

#### PART No.:

TMPA-01400240-4240



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DIMENSIONS IN MILLIMETERS(mm)

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