

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/17	C. Chen

## TECHNICAL DATA

### ► Electrical Data(50Ω, 25℃)

Frequency Range	0.05~6000MHz
Output Power(CW)	32dBm min, 33dBm typ
Gain	35dB min, 40dB typ
Gain Flatness	±3.0dB typ
Input VSWR	1.5:1 typ, 2.0:1 max
Max Input Power	+3dBm
Harmonic	-15dBc typ, -12dBc max
Spurious	-60dBc max
Isolation	-45dB typ
Operating Voltage	+28V typ
Operating Current	0.5A typ, 1A max

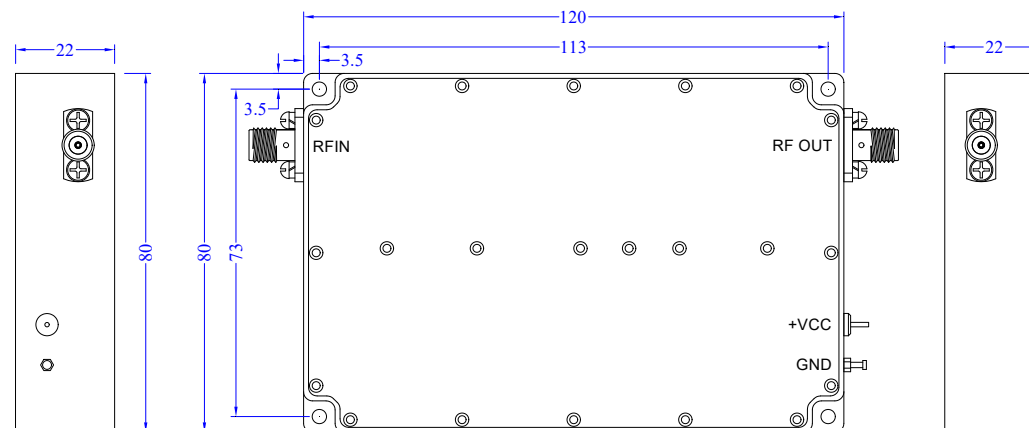
### ► Mechanical Data

Dimensions	120×80×22mm
Input Connector	SMA-Female
Output Connector	SMA-Female
DC Power/Interface Connector	Feedthru Capacitor

### ► Environmental Data

Operating Temperature	-30℃~+60℃
Storage Temperature	-50℃~+105℃

- ! Stress above these ratings may cause permanent damage to the device  
Radiator/Heatsink required during operation or test(optional)



#### Notes:

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

DRAWN: L. Ma 17/04/23		
ENGINEER: J. Zhu 17/04/23		
APPROVED: C. Chen 17/04/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

#### TITLE:

Power Amplifier, 0.05-6000MHz, Gain 40dB, Output Power 33dBm, +28V, SMA-Female

#### PART No.:

TMPA-50K0600-4033



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DIMENSIONS IN MILLIMETERS(mm)

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