

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/6/11	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	2000~6000MHz
Max Output Power(Psat)	≥47dBm
Gain	≥47dB
Gain Flatness	≤4±1dB
VSWR Input	≤2.0
Input Power	3±1dBm
Max Input Power	+10dBm
Spurious	≤-65dBc
Harmonic	≥-10dBc
Impedance	50 Ohms
PTT Port	Default OFF, 5V ON
Temperature Protection	Over 80℃ protection with open circuit protection
Operation Current	≤7~10A
VCC/Current Reference	+28V/15A

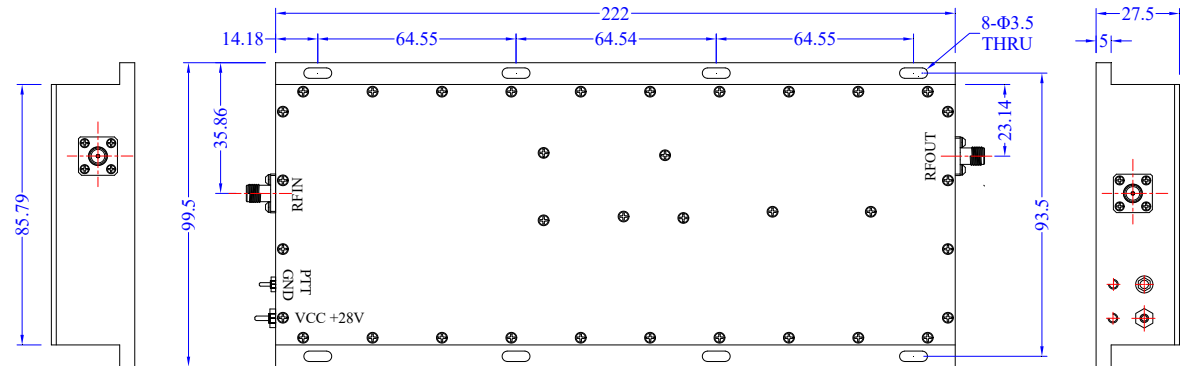
► Mechanical Data

Dimensions	222×93.5×27.5mm
Input Connector	SMA-Female
Output Connector	SMA-Female
28V Power Supply Interface	Feedthru Capacitor

► Environmental Data

Operating Temperature	-25℃~+55℃
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! Stress above these ratings may cause permanent damage to the device
Radiator/Heatsink required during operation or test



DRAWN: L. Ma 11/06/22		
ENGINEER: J. Zhu 11/06/22		
APPROVED: C. Chen 11/06/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Amplifier, 2-6GHz,
Gain 47dB, Output Power
47dBm, +28V, SMA-
Female

PART No.:
TMPA-02000600-4747

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DIMENSIONS IN MILLIMETERS(mm)

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

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