

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/10/22	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	5-6GHz
Max Output Power(CW)	≥50±0.5dBm
Gain	≥47dB
VSWR Input	≤1.8
Input Power	3±1dBm
Spurious	≤-65dBc
Harmonic	≤-30dBc
Impedance	50 Ohms
PTT Port	Default OFF, 5V ON
Temperature Protection	Over 80°C protection with open circuit protection
Operation Current	≤9-11A
Voltage/Current Reference	+28V/15A
Max Operation Voltage	+31V

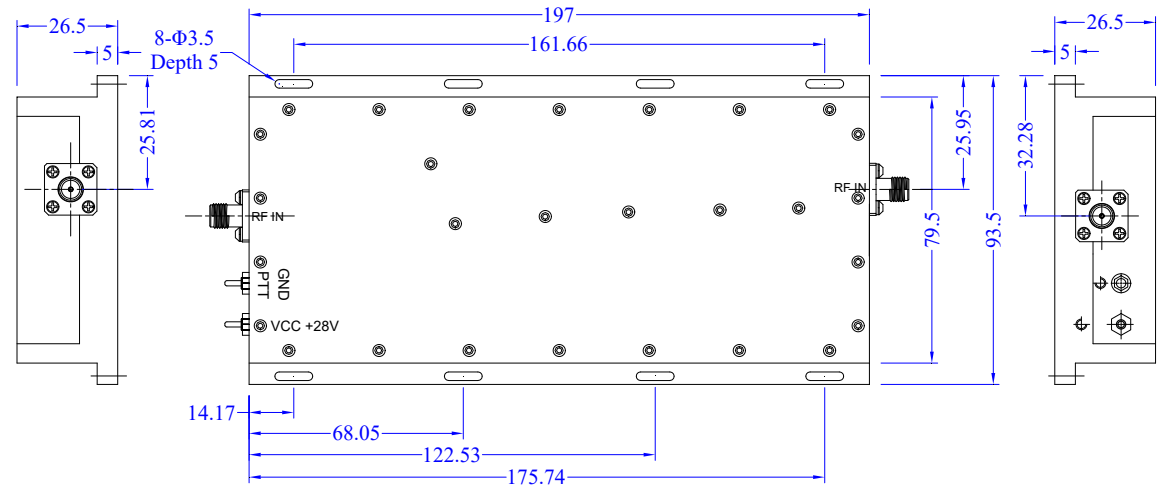
► Mechanical Data

Dimensions	197×93.5×26.5mm
Input/Output Connectors	SMA-Female
Power Supply Interface	Feedthru Capacitor
Weight	≤2kg
Package	1 piece/box

► Environmental Data

Operating Temperature	-25°C~+55°C
-----------------------	-------------

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



DRAWN: L. Ma 22/10/22		
ENGINEER: J. Zhu 22/10/22		
APPROVED: C. Chen 22/10/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Amplifier, 5-6GHz,
Gain 47dB, Output Power
50dBm, +28V, SMA-
Female

PART No.:
TMPA-05000600-4750

成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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

Notes:

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