

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/7/12	C. Chen

TECHNICAL DATA

Electrical Data

Frequency Range	5.7-5.9GHz
Max Output Power(CW)	≥50dBm
Small Signal Gain	≥50dB
Input Power	1±1dBm
Spurious	≤-65dBc
Harmonic	≤-40dBc
Impedance	50 Ohms
PTT Port	Default OFF, 3.3-5V ON
Temperature Protection	Over 80°C protection with open circuit protection
Operation Current	≤10.5A
Voltage/Current Reference	+28V/16A
Max Operation Voltage	+31V

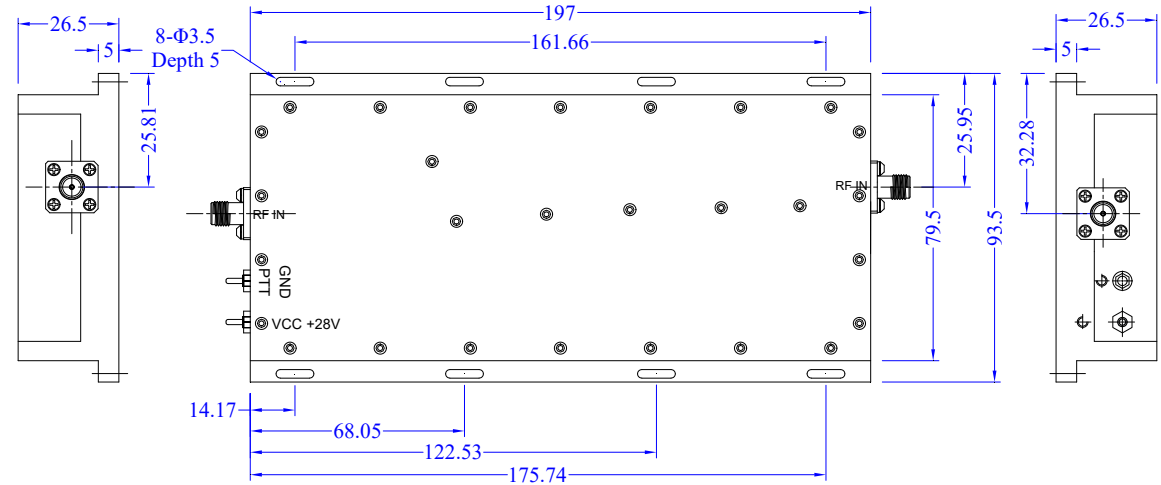
Mechanical Data

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 12/07/22		
ENGINEER: J. Zhu 12/07/22		
APPROVED: C. Chen 12/07/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

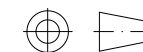
Power Amplifier, 5.7-5.9GHz, Gain 50dB,
Output Power 50dBm,
+28V, SMA-Female

PART No.:

TMPA-05700590-5050



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