

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	4-6GHz
Output Power(Psat)	≥47dBm(50W)
Small Signal Gain	≥47dB
Gain Flatness	≤3±1dB
VSWR Input	≤1.8
Input Power	3±2dBm
Max Input Power	+10dBm
Spurious	≤-65dBc
Harmonic@10W	≥-32dBc at Worst point
Impedance	50 Ohms
PTT Port	Default OFF, 5V ON
Operation Current	≤7-9A
VCC/Current Reference	+28V/15A
Max Operation Voltage	+30V

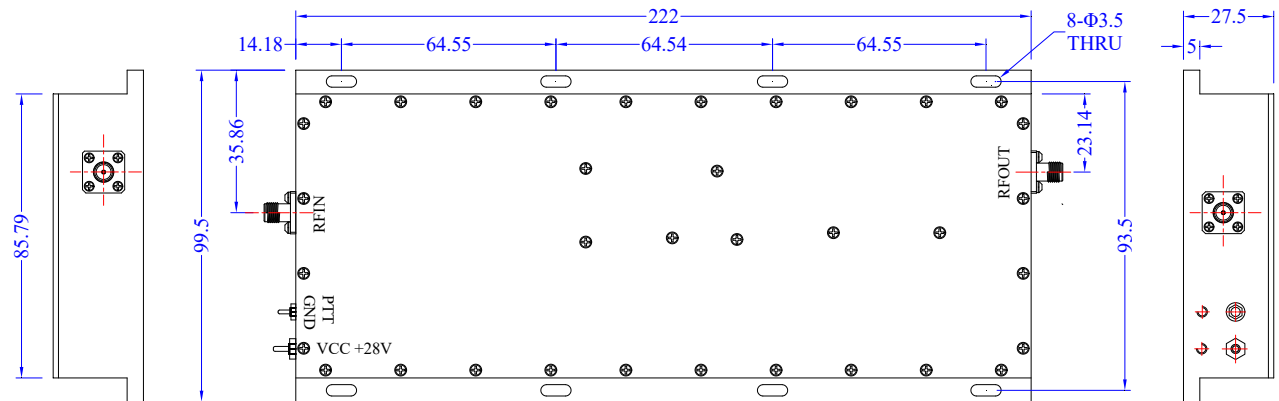
► Mechanical Data

Dimensions	222×99.5×27.5mm
Input Connector	SMA-Female
Output Connector	SMA-Female
28V Power Supply Interface	Feedthru capacitor
Weight	1kg

► Environmental Data

Operating Temperature	-25°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 16/04/22		
ENGINEER: J. Zhu 16/04/22		
APPROVED: C. Chen 16/04/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

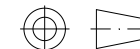
Power Amplifier, 4~6GHz,
Gain 47dB, Output Power
50W, +28V, SMA-Female

PART No.:

TMPA-04000600-4747



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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