

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/19	C. Chen

TECHNICAL DATA

Electrical Data

Frequency Range	5~6GHz
Max Output Power(Psat, CW)	≥47dBm
Gain	≥46dB
Gain Flatness	≤2±1dB
VSWR Input	≤1.7
Input Power	2±1dBm
Spurious	≤-65dBc
Harmonic@worst point	≤-20dBc
Impedance	50 Ohms
PTT Port	Default OFF, 3.3~5V ON
Temperature Protection	Over 80°C protection
Operation Current	≤7~8A
Operation Voltage	+28V~+30V
VCC/Current Reference	30V/12A

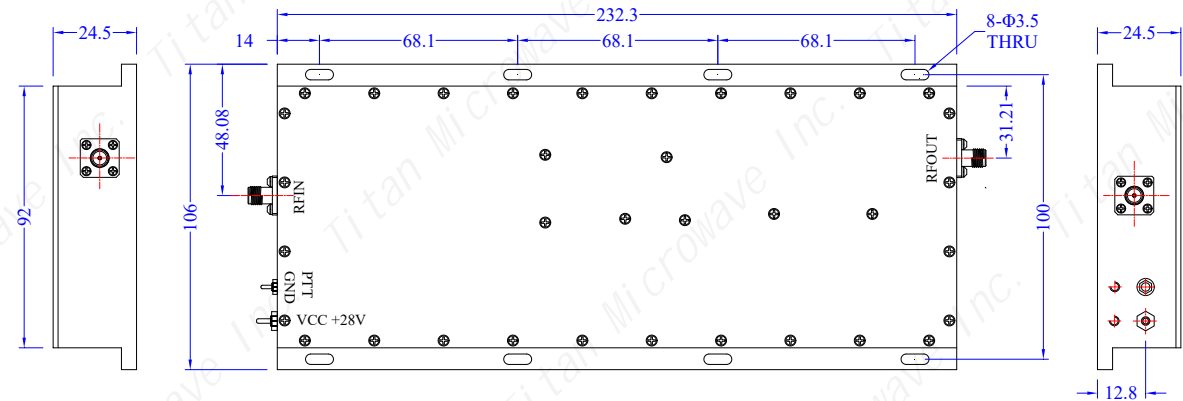
Mechanical Data

Dimensions	232.3×106×24.5mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Power Supply Interface	Feedthru Capacitor
Package	1 piece/box
Weight	≤1500g

Environmental Data

Operating Temperature	-30°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 19/04/22		
ENGINEER: J. Zhu 19/04/22		
APPROVED: C. Chen 19/04/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Power Amplifier, 5~6GHz,
Gain 46dB, Output Power
47dBm, +28V, SMA-
Female

PART No.:

TMPA-05000600-4647



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DIMENSIONS IN MILLIMETERS(mm)

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