

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

TECHNICAL DATA

Electrical Data

Frequency Range	400-1000MHz
Max Output Power(Psat)	≥50dBm
Gain	≥48dB
Gain Flatness	≤2±1dB
VSWR Input	≤1.6
Input Power	0±2dBm
Max Input Power	+6dBm
Spurious	≤-65dBc
Harmonic	≤-13dBc
Impedance	50 Ohms
PTT Port	Default OFF, 3.3~5V ON
Temperature Protection	Over 80°C protection with open circuit protection
Operation Voltage	+28V~+32V
Operation Current	≤9~12.5A
VCC/Current Reference	28V/15A

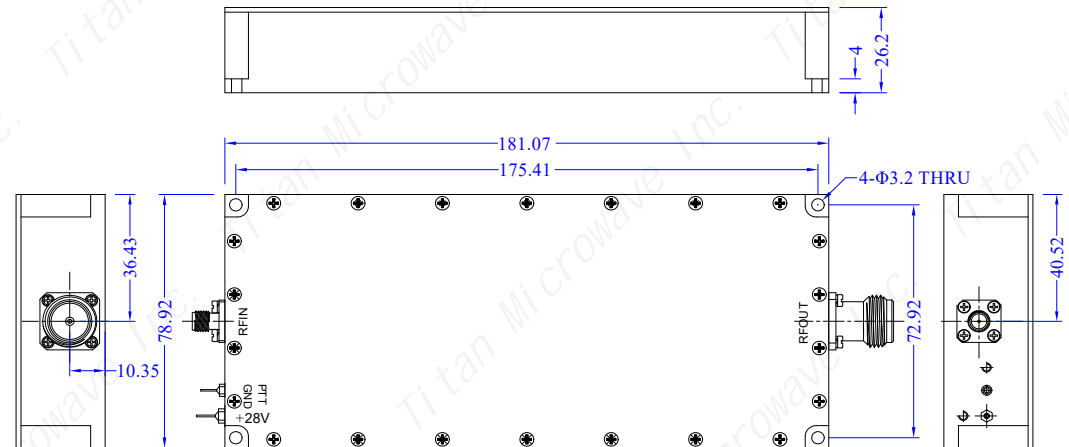
Mechanical Data

Dimensions	181.07×78.92×26.2mm
Input Connector	SMA-Female
Output Connector	N-Female
28V Power Supply Interface	Feedthru Capacitor
Package	1 piece/box

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, 0.4~1GHz, Gain 48dB, Output Power 50dBm, +28V, SMA/N-Female
PART No.:	TMPA-00400100-4850

 成都巨人微波 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small>			
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 DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE:	SHEET: 1/1	REV: A