

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/9	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	0.1-2GHz
Output Power(Psat)	40dBm min
Gain	40dB min
Gain Flatness	±3.0dB typ
Input VSWR	2.5 max
Spurious	60dBc min
Harmonic	7dBc min, 10dBc typ
Maximum Input Power	+10dBm
Impedance	50 Ohms
DC Voltage	+28V
Current	1500mA

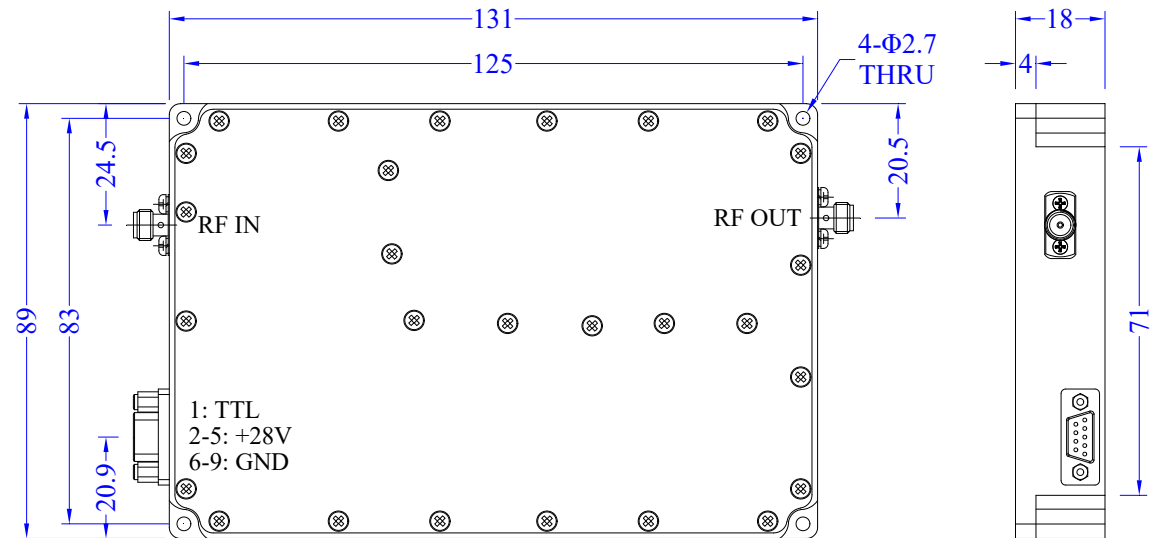
► Mechanical Data

RF Connectors	SMA-Female(stainless steel)
Weight	500g
Surface Treatment	Nickel plated

► Environmental Data

Operating Temperature	-40°C~+65°C
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! Stress above these ratings may cause permanent damage to the device



PIN Identifier	Specifications	
1	TTL, Enable	Amplifier Enable: TTL Logic High
2,3,4,5	DC Supply +28V	
6,7,8,9	GND	

DRAWN: L. Ma 09/04/22		
ENGINEER: J. Zhu 09/04/22		
APPROVED: C. Chen 09/04/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Amplifier, 0.1-2GHz, Gain 40dB, Output Power 40dBm, +28V, SMA-Female

PART No.:
TMPA-00100200-4040

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TITAN MICROWAVE INC.
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DIMENSIONS IN MILLIMETERS(mm)

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

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