

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/9/23	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	10~600MHz
Max Output Power(Psat, CW)	≥53±0.5dBm
Gain	≥63dB
Gain Flatness	≤4±1dB
VSWR Input	≤1.7
Input Power	2±2dBm
Max Input Power	+10dBm
Spurious	≤-65dBc
Harmonic	≥-10dBc
Impedance	50 Ohms
PTT Port	Default OFF, 3.3~5V ON
Temperature Protection	Over 80℃ protection with open circuit protection
Operation Current	≤22A
VCC/Current Reference	+48V/30A
Max Operation Voltage	+50V

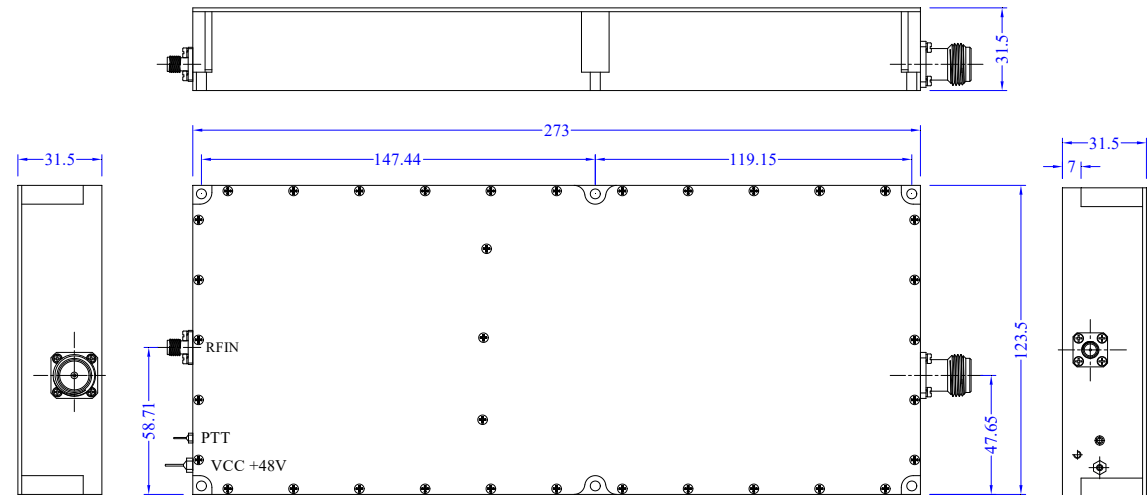
► Mechanical Data

Dimensions	273×123.5×31.5mm
Input Connector	SMA-Female
Output Connector	N-Female
32V Power Supply Interface	Feedthru Capacitor

► Environmental Data

Operating Temperature	-25℃~+55℃
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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 23/09/22		
ENGINEER: J. Zhu 23/09/22		
APPROVED: C. Chen 23/09/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Power Amplifier, 10-600MHz, Gain 63dB, Output Power 250W, +48V, SMA&N-Female

PART No.:

TMPA-00010060-6353

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DIMENSIONS IN MILLIMETERS(mm)

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