

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/10/18	C. Chen

TECHNICAL DATA

► Electrical Data

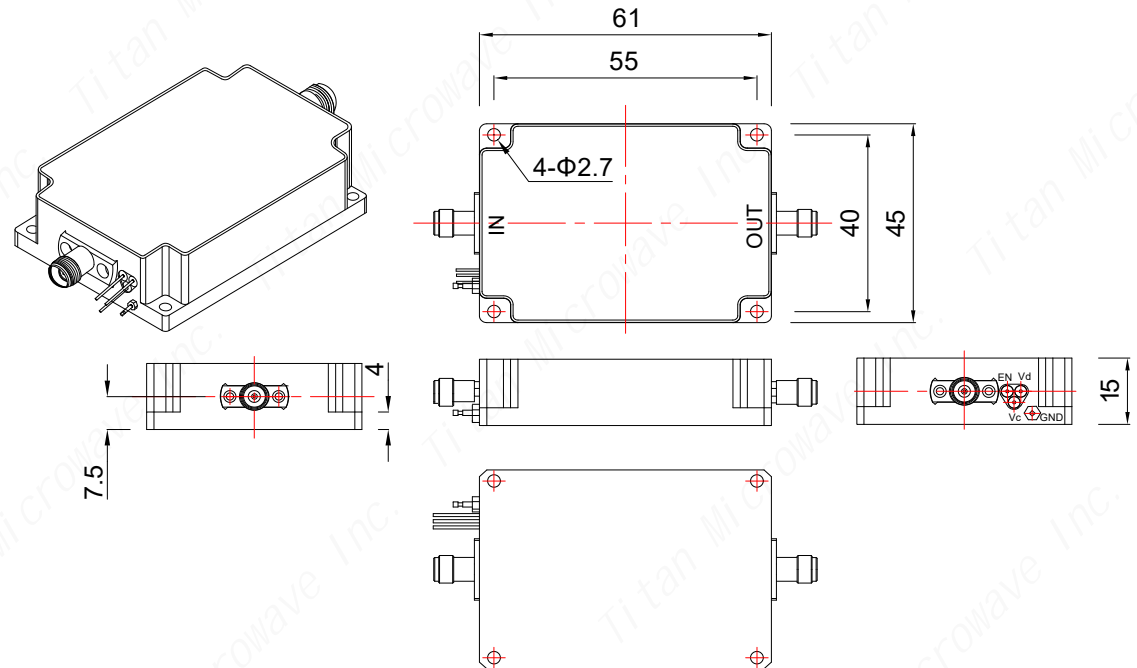
Frequency Range	18~40GHz
Gain	30dBm min
Gain Flatness	±2.5dB typ
Output Power(Psat)	37dBm min
Maximum Input Power	+15dBm
Input VSWR	1.5 typ
Spurious	-60dBc max
Impedance	50 Ohms
Operating Voltage	+28V typ
Operating Voltage	2.5A typ

► Mechanical Data

Dimensions	61×45×15mm
Input Connector	2.92mm-Female
Output Connector	2.92mm-Female
28V Power Supply Interface	Feedthru Capacitor

► Environmental Data

Operating Temperature	-20℃~+70℃
Storage Temperature	-40℃~+85℃



Notes:

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

DRAWN: L. Ma 18/10/24		
ENGINEER: J. Zhu 18/10/24		
APPROVED: C. Chen 18/10/24		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

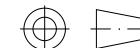
Power Amplifier, 18-40GHz, Gain 30dB, Output Power 37dBm, +28V, 2.92mm-Female

PART No.:

TMPA-18004000-3037



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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