

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/1/24	C. Chen

TECHNICAL DATA

► Electrical Data

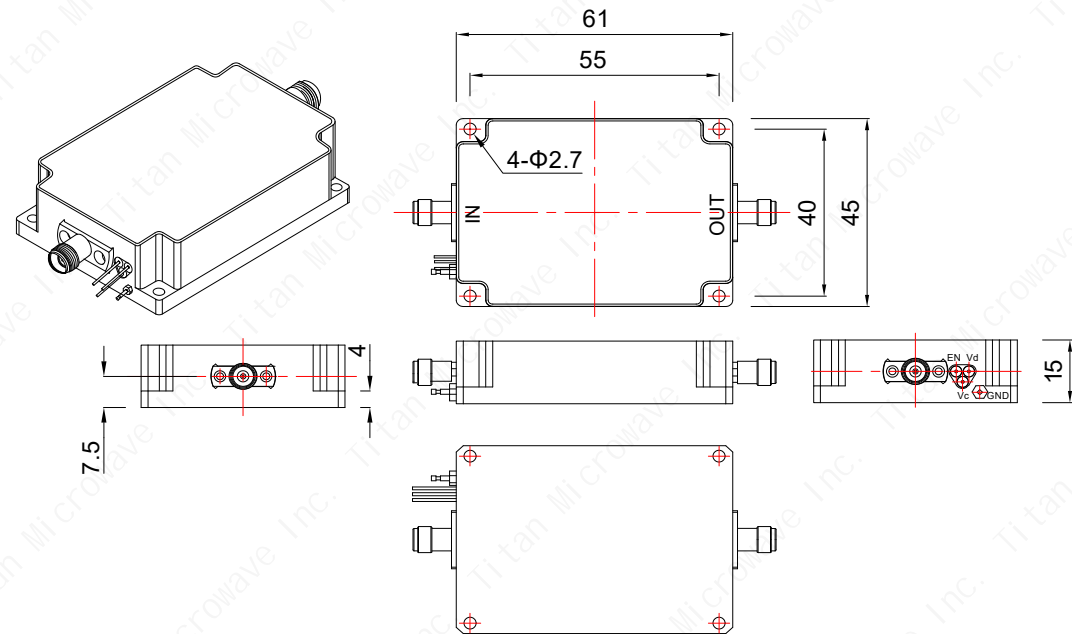
Frequency Range	4900~5100MHz
Output Power(P1dB)	+10dBm min
Gain	35dB min
Gain Flatness	±1.0dB
Gain Variation	±0.5dB
Noise Figure	0.6dB max
Input/Output VSWR	1.5:1 max
Impedance	50 Ohms
DC Power Supply	+15V typ,+24V max

► Mechanical Data

Dimensions	61×45×15mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Power Supply Interface	Feedthru Capacitor
IP Rating	IP65



► Environmental Data

Operating Temperature	-20℃~+50℃
Storage Temperature	-30℃~+70℃
Humidity	90% RH, Non-Condensing



Notes:

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

DRAWN: L. Ma 24/01/25	TITLE: Low Noise Amplifier 4.9-5.1GHz, Gain 35dB, Output Power 10dBm, Noise Figure 0.6dB, +15V, SMA- Female	 成都巨人微波 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small>			
ENGINEER: J. Zhu 24/01/25					www.titan-microwave.com
APPROVED: C. Chen 24/01/25		 DIMENSIONS IN MILLIMETERS(mm)	SIZE:	SCALE:	
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.: TMLA-04900510-3510-6	A4		1/1	A
x ±0.50 [0.019"]					
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					