

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/6/11	C. Chen

TECHNICAL DATA

► Electrical Data

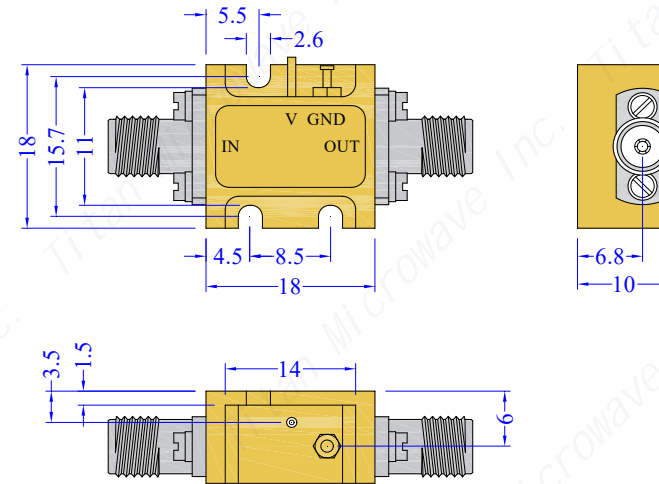
Frequency Range	2~18GHz
Output Power(P1dB)	10dBm min
Gain	15dB min
Gain Flatness	±0.75dB typ
Noise Figure	2.5dB typ, 3.3dB max
VSWR	2.0:1 max
Impedance	50 ohms
Voltage	+12V
Current	100mA

► Mechanical Data

Dimensions	18×18×10mm
Input/Output Connectors	SMA-Female(stainless steel)
Surface Finish	Gold Plated


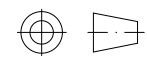
► Environmental Data

Operating Temperature	-40℃~+70℃(design assurance)
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Notes:

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

DRAWN: L. Ma 11/06/24	TITLE: Low Noise Amplifier, 2-18GHz, Gain 15dB, P1dB 10dBm, Noise Figure 3.3dB, +12V, SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small>			
ENGINEER: J. Zhu 11/06/24				www.titan-microwave.com	
APPROVED: C. Chen 11/06/24		 DIMENSIONS IN MILLIMETERS(mm)	SIZE:		
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.:		A4		1/1
x ±0.50 [0.019"]	TMLA-02001800-1510-33				
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					