

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

TECHNICAL DATA

► Electrical Data

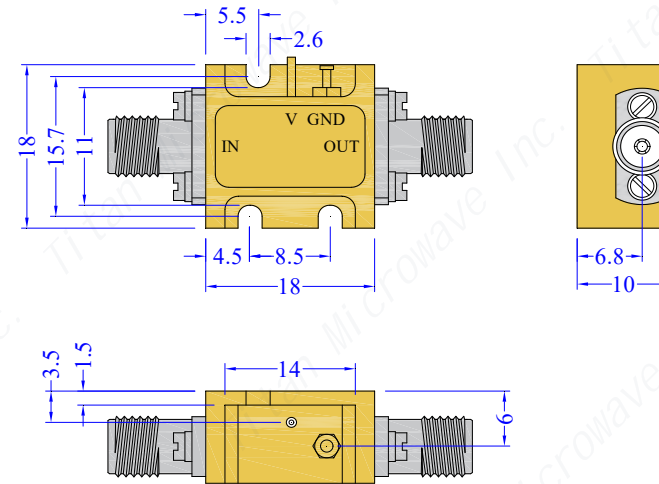
Frequency Range	6~18GHz
Output Power(P1dB)	10dBm min
Gain	25dB typ
Gain Flatness	±4.6dB max
Noise Figure	2.0dB max
VSWR	2.0:1 max
Impedance	50 Ohms
Voltage	+12V
Current	100mA


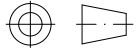
► Mechanical Data

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

► Environmental Data

Operating Temperature	-30℃~+70℃(design assurance)
-----------------------	-----------------------------



DRAWN: L. Ma 11/06/24	TITLE: Low Noise Amplifier, 6-18GHz, Gain 25dB, P1dB 10dBm, Noise Figure 2.0dB, +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)				
TOLERANCE UNLESS OTHERWISE SPECIFIED		PART No.: TMLA-06001800-2510-20	SIZE: A4	SCALE:	SHEET: 1/1	REV: A
x	±0.50 [0.019"]					
.x	±0.20 [0.008"]					
.xx	±0.10 [0.004"]					
ANGLES	±1°					

Notes:

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