

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

TECHNICAL DATA

► Electrical Data

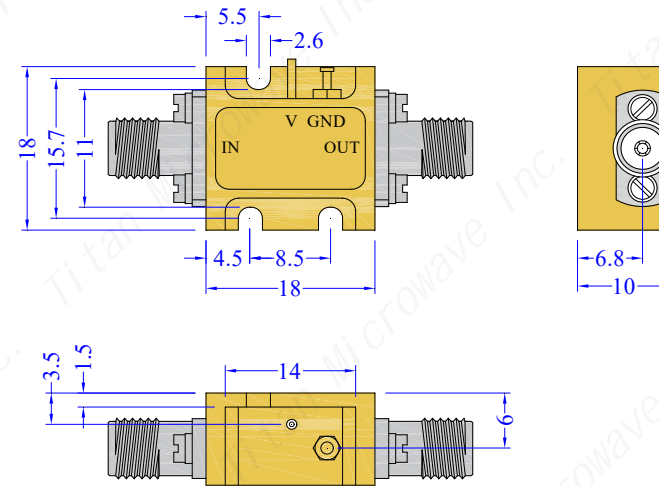
Frequency Range	0.4~3GHz
Output Power(P1dB)	20dBm min
Gain	17dB min
Noise Figure	1.0dB typ, 1.3dB max
Input VSWR	1.3:1 typ
Output VSWR	1.9:1 typ
OIP3	30dBm min
Max RF Input Power	+18dBm
Impedance	50 ohms
Voltage	+12V
Current	100mA

► Mechanical Data

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

► Environmental Data

Operating Temperature	-35℃~+65℃(design assurance)
-----------------------	-----------------------------



DRAWN: L. Ma 11/06/24		
ENGINEER: J. Zhu 11/06/24		
APPROVED: C. Chen 11/06/24		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Low Noise Amplifier, 0.4-3GHz, Gain 17dB, P1dB 20dBm, Noise Figure 1.3dB, +12V, SMA-Female

PART No.:

TMLA-00400300-1720-13



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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

Notes:

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