

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/2/6	C. Chen

TECHNICAL DATA(@25°C)

► Electrical Data

Frequency Range	26~40GHz
Output Power(P1dB)	+10dBm min, +12dBm typ
Small Signal Gain	40dB min
Gain Flatness	±1.5dB max
Noise Figure	1.5dB typ, 2.5dB max
Input VSWR	1.8:1 typ, 2:1 max
Output VSWR	1.8:1 typ, 2:1 max
Impedance	50 Ohms
Voltage	+9V min, +12V typ, +15V max
Current	120mA typ

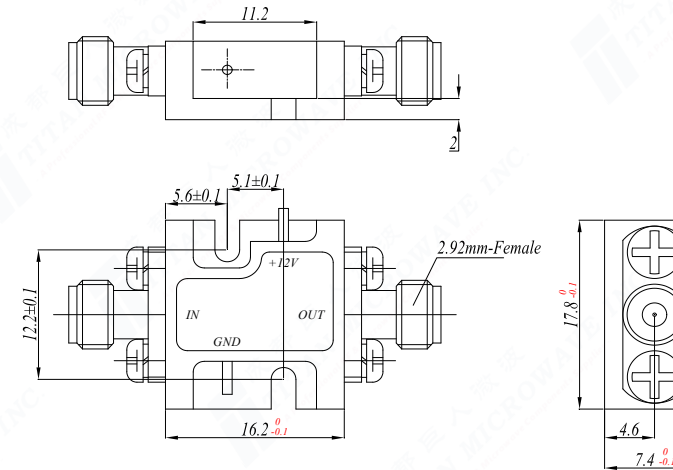
► Mechanical Data

Dimensions	16.2×17.8×7.4mm
Input Connector	2.92mm-Female
Output Connector	2.92mm-Female
Power Supply Interface	Feedthru Capacitor

► Environmental Data

Operating Temperature	-40℃~+70℃
Storage Temperature	-55℃~+100℃

- 1) The products undergo temperature cycling tests.
2) The products are sealed using laser welding.



Notes:

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

DRAWN: L. Ma 06/02/26
ENGINEER: J. Zhu 06/02/26
APPROVED: C. Chen 06/02/26
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
26-40GHz, Gain 40dB, P1dB
10dBm, Noise Figure 2.5dB,
+12V, 2.92mm-Female

PART No.:

TMLA-26004000-4010-25



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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