

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/8/21	C. Chen

## TECHNICAL DATA

### ► Electrical Data

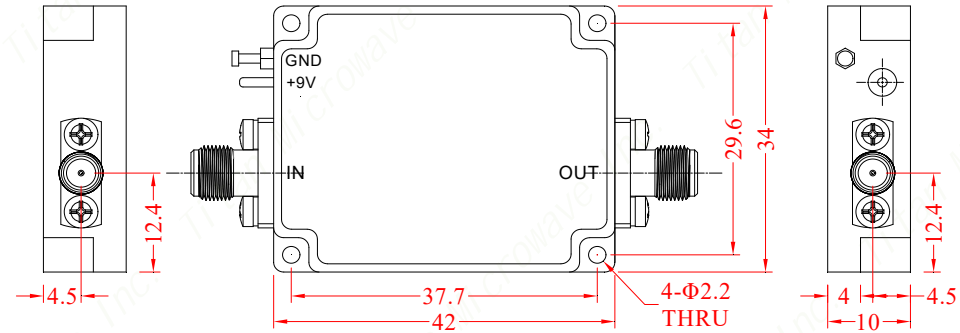
Frequency Range	18-42GHz
Output Power(P1dB)	24dBm
Gain	35dB
Gain Flatness	±2.0dB max
Noise Figure	4.0dB max
VSWR Input	2.0:1 typ
VSWR Output	2.0:1 typ
DC Voltage	+9V
Spurious	60dBc min
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	42×34×10mm
Input/Output Connector	2.92mm-Female

### ► Environmental Data

Operating Temperature	-40℃~+65℃
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DRAWN: L. Ma 21/08/22		
ENGINEER: J. Zhu 21/08/22		
APPROVED: C. Chen 21/08/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Power Amplifier, 18-42GHz,  
Gain 35dB, P1dB 24dBm,  
Noise Figure 4dB, +9V,  
2.92mm-Female

**PART No.:**  
TMLA-18004200-3524

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DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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**Notes:**

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