

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/10	C. Chen

## TECHNICAL DATA

### ► Electrical Data(50Ω, 25℃)

Frequency Range	92~96GHz
Output Power(Psat)	33dBm min
Gain	30dB min
Input VSWR	2.0:1 typ
Max Input Power	+10dBm
Impedance	50 Ohms
Operating Voltage	+15V typ, +20V max
Operating Current	2A typ

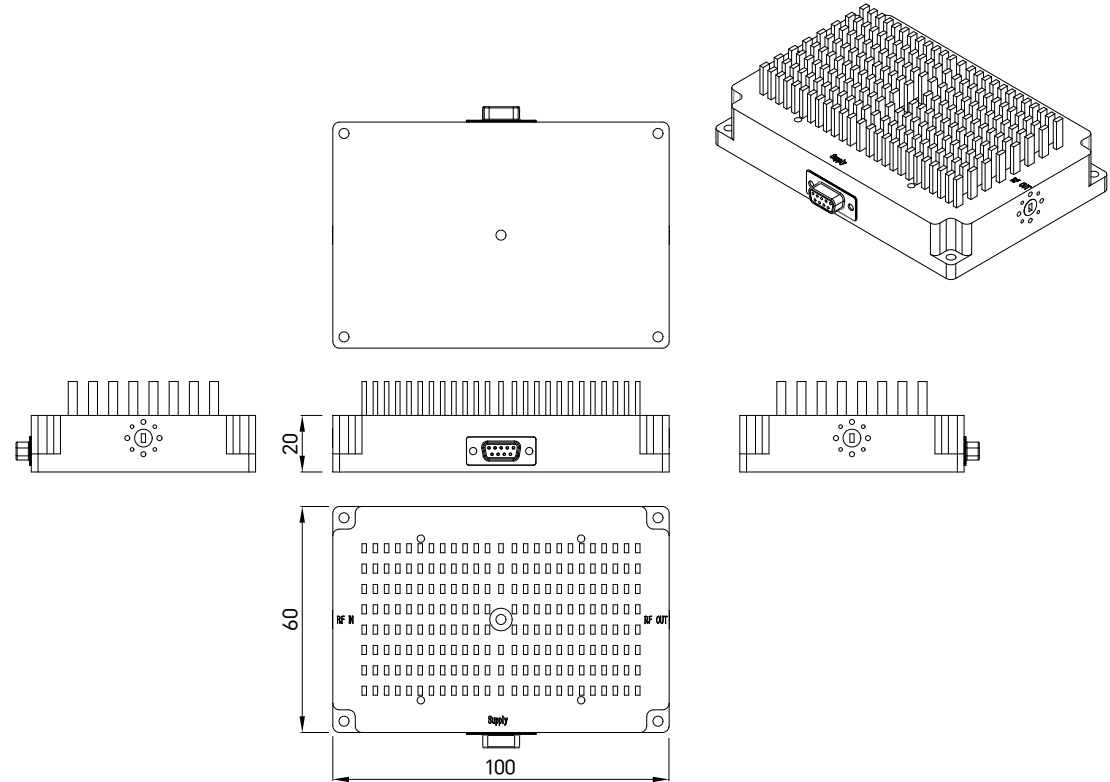
### ► Mechanical Data

Dimensions	100×60×20mm
Input Connector	WR-10
Output Connector	WR-10
Power Supply Connector	9-Pin D-Sub

### ► Environmental Data

Operating Temperature	-10℃~+50℃
Storage Temperature	-40℃~+85℃
Relative Humidity(non-condensing)	95% typ

! Stress above these ratings may cause permanent damage to the device



DRAWN: L. Ma 10/04/23		
ENGINEER: J. Zhu 10/04/23		
APPROVED: C. Chen 10/04/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Power Amplifier, 92-96GHz, Gain 30dB,  
Output Power 33dBm,  
+15V, WR-10

**PART No.:**  
TMPA-92009600-3033

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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:**

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