

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/8/23	C. Chen

TECHNICAL DATA

► Electrical Data(50Ω, 25℃)

Frequency Range	43~46GHz
Output Power(Psat)	41dBm min
Gain	30dB min
Input VSWR	2.0:1 typ
Max Input Power	+20dBm
Impedance	50 Ohms
Operating Voltage	+12V typ
Operating Current	8A typ

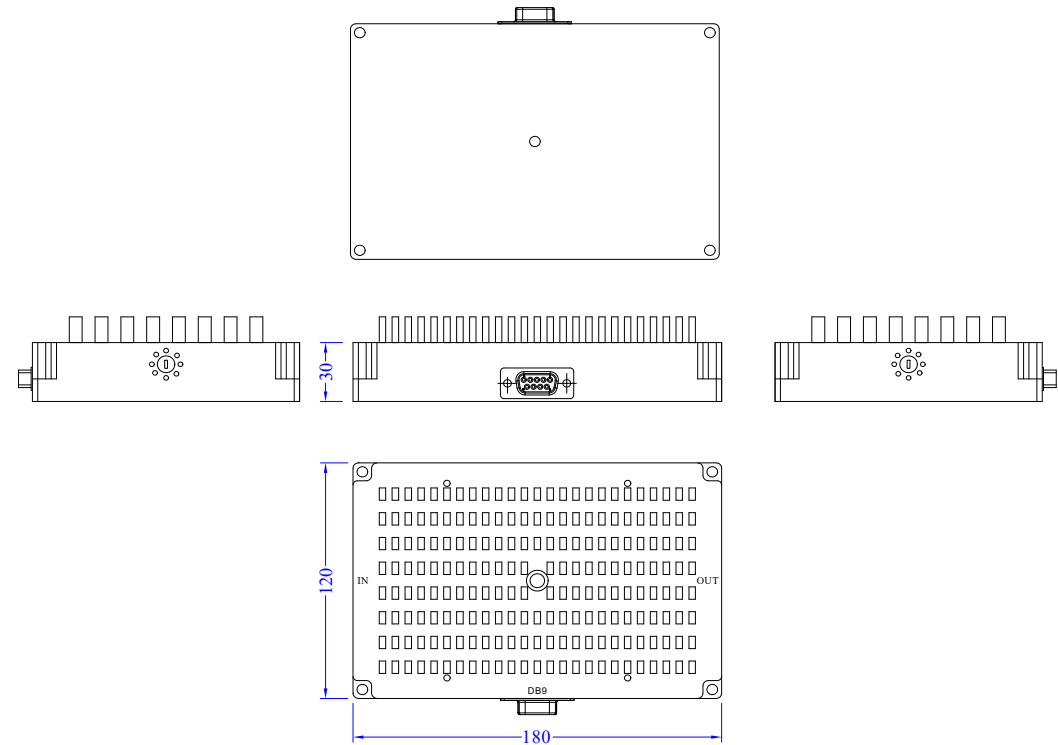
► Mechanical Data

Dimensions	180×120×30mm
Input Connector	WR-22
Output Connector	WR-22
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 23/08/23		
ENGINEER: J. Zhu 23/08/23		
APPROVED: C. Chen 23/08/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Amplifier, 43-46GHz, Gain 30dB, Output Power 41dBm, +12V, WR-22

PART No.:
TMPA-43004600-3041

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DIMENSIONS IN MILLIMETERS(mm)

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