

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/5/18	C. Chen

TECHNICAL DATA

► Electrical Data(50Ω, 25℃)

Frequency Range	55~60GHz
Output Power(Psat)	37dBm min
Gain	30dB min
Input VSWR	2.0:1 typ
Max Input Power	+20dBm
Impedance	50 Ohms
Operating Voltage	+12V typ
Operating Current	10A typ

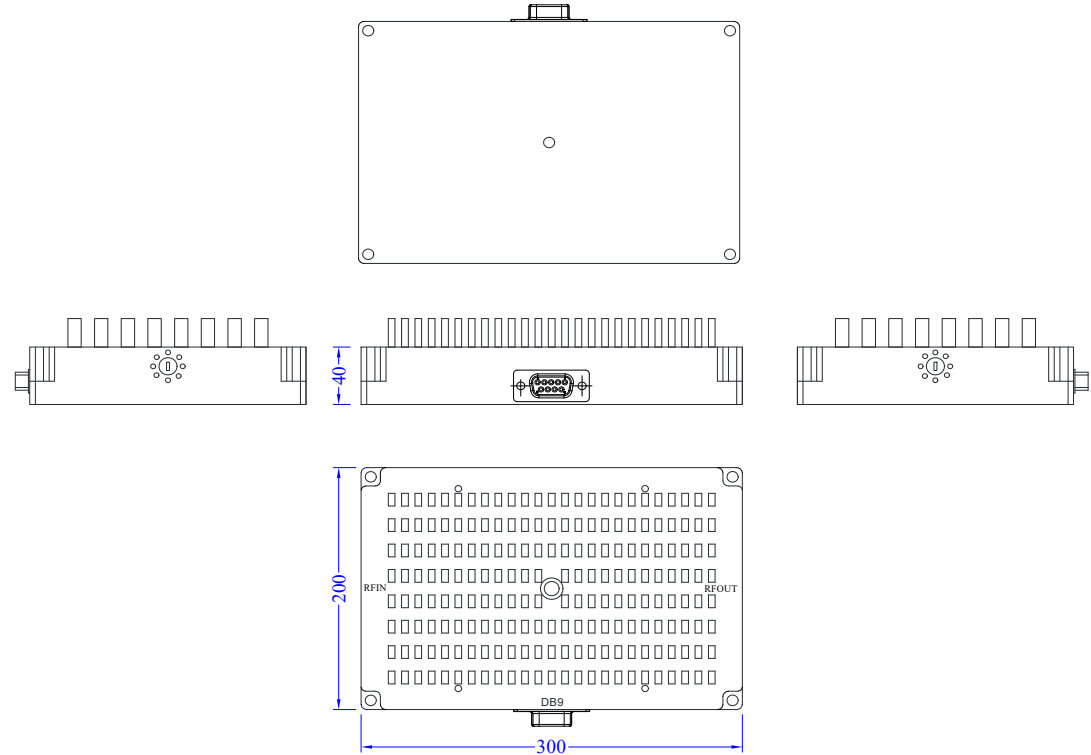
► Mechanical Data

Dimensions	300×200×40mm
Input Connector	WR-15
Output Connector	WR-15
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



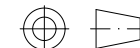
DRAWN: L. Ma 18/05/23		
ENGINEER: J. Zhu 18/05/23		
APPROVED: C. Chen 18/05/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Amplifier, 55-60GHz, Gain 30dB,
Output Power 37dBm,
+12V, WR-15

PART No.:
TMPA-55006000-3037



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