AT-BTHPA-0206-3635N

2-6GHz High Power Amplifier

2-6GHz GaAs High Power Amplifier Bench-Top Test Equipment

2022-12-1

Product Overview

AT-BTHPA-0206-3635N is GaAs Based high gain power amplifier with +36dBm output power in the frequency of 2-6GHz. The AC power requirement is 90V to 240V The module is with SMA connector.

The power amplifier has high gain, high linearity, low input/output return loss and flat gain response.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Frequency: 2-6GHz
- ✓ Psat:+35dBm
- ✓ Small signal gain: 36dB
- ✓ Single Power Supply

Application

- ✓ 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

Key Features

Parameter	Min	Typical	Max
Frequency	2GHz	2.2-6GHz	
Gain	34dB	38dB	
P1dB		+34dBm	
Psat	+35dBm	+36dBm	
Power Supply	90V	+220V	240V
Power Consumption		50W	
Input Return Loss		-10dB	
Output Return Loss		-5dB	
Spec Temp		25C	

Shanghai AT Microwave Limited

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Mechanical Information

Item	Description
Input Port	SMA Female
Output Port	SMA Female
Case Material	Aluminum
Finish	Painting
Weight	3.0KG
Size:	SEE OUTLINE

Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
RF Input Power	+10 dBm
Operating Temperature	-40 to +70C
Storage Temperature	-55 to +125C

Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is only for reference, not for guaranteed specifications.
3. Please contact AT Microwave team to make sure you have the most current data.

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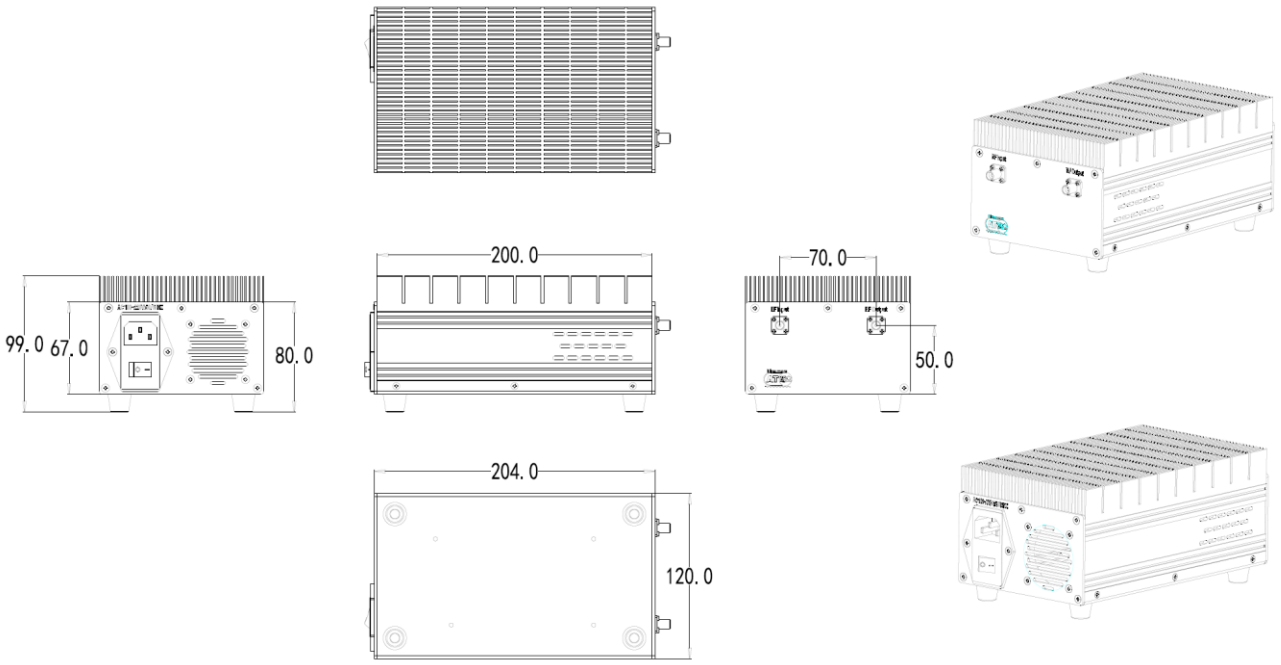
Dimension: (unit in mm)



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