

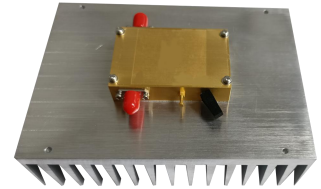
20-30GHz 2W Power Amplifier

P/N: PA2030GA2W-SR



Description:

The power amplifier is a 2W power amplifier with a typical small signal gain of 35 dB across the frequency range of 20 to 30 GHz. The typical output power is 33 dBm. The DC power requirement for the amplifier is +28 VDC/2A. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		20-30		GHz
Gain	30	35		dB
Gain Flatness		±2	±3	dB
Input VSWR		1.5	2.0	-
Output Power Psat	33	34		dBm
Spurious	60	65		dBc
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+28V)(@Pout=2W)		2		A
Impedance		50		Ω
Input/Output Connector		2.92mm-K/2.92mm-K		
Material		Aluminium\Gold Painting		
Weight			-	
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -10°C~+50°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

MICZEN THCHNOLOGIES CO.,LTD.

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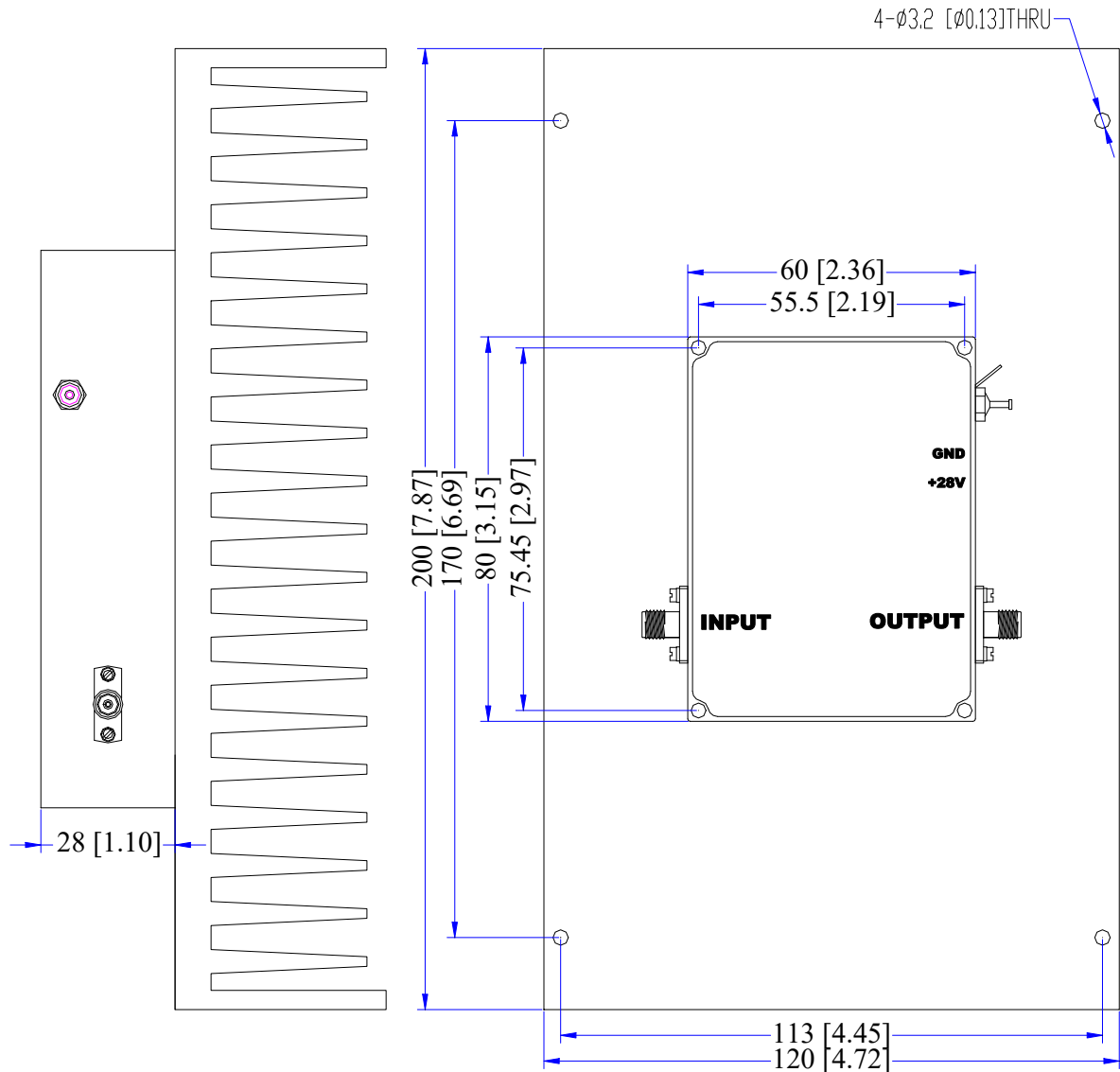
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■ Outline Drawing

All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)



*****Heat Sink required during operation*****

NOTE:

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Miczen technologies co., Ltd. reserves the right to change the above information without notice.

MICZEN THCNOLOGIES CO.,LTD.

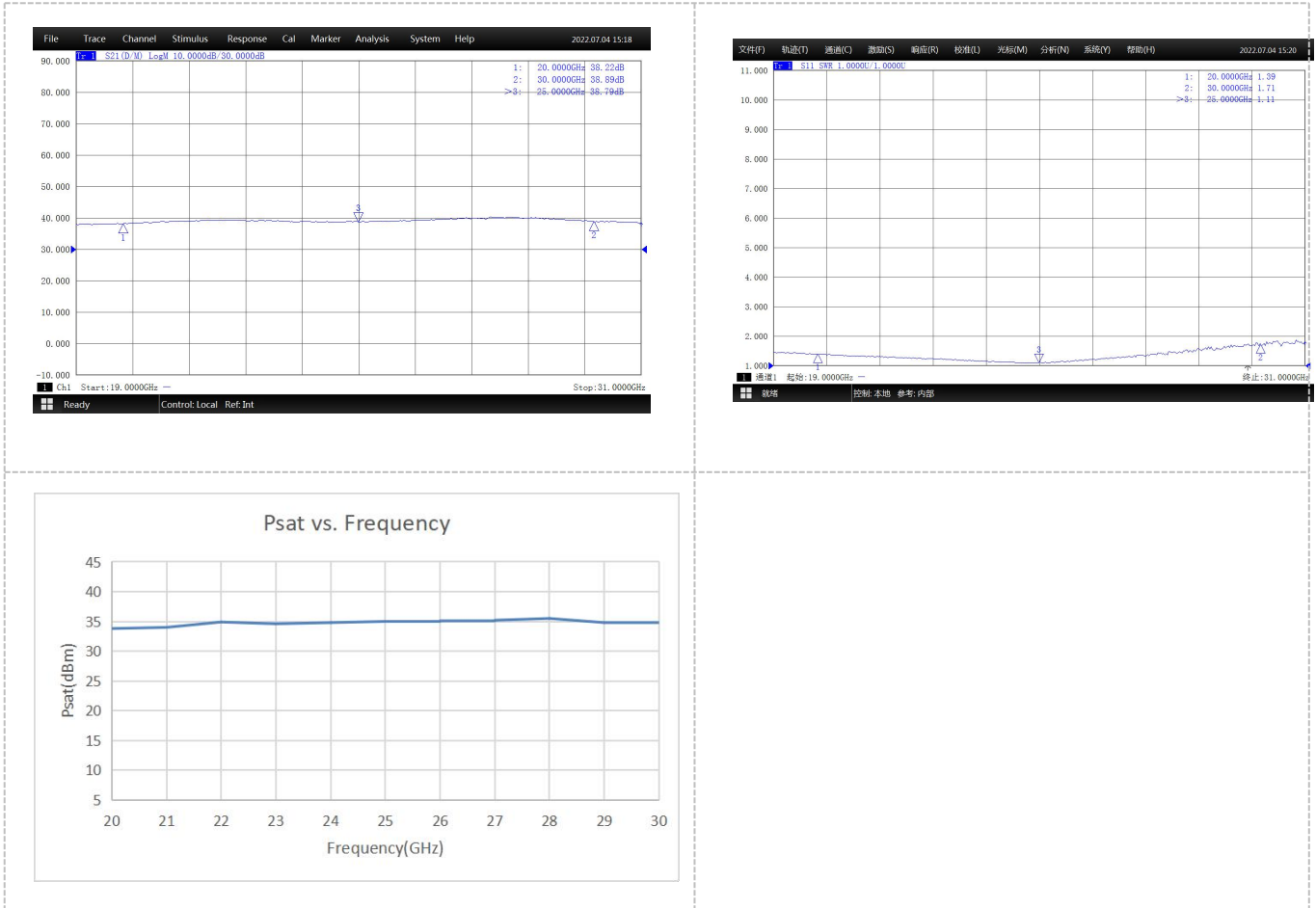
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Performance Plot



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