

25-31GHz Power Amplifier

P/N: PA2531GA3W



Description:

The power amplifier is a power amplifier with a typical small signal gain of 35 dB across the frequency range of 25 to 31 GHz. The typical output power Psat 35 dBm. The DC power requirement for the amplifier is +12VDC/2500mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		25-31		GHz
Gain	30	35		dB
Gain Flatness			±2.4	dB
Input VSWR			2.0	-
Output Psat	34	35		dBm
Output IP3		42		dBm
Input Max Power(no damage)			7	dBm
DC Voltage(+12V)		2500		mA
Impedance		50		Ω
Input/Output Connector		2.92-Female/2.92-Female		
Material		Aluminium\Gold Painting		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -45°C~+75°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

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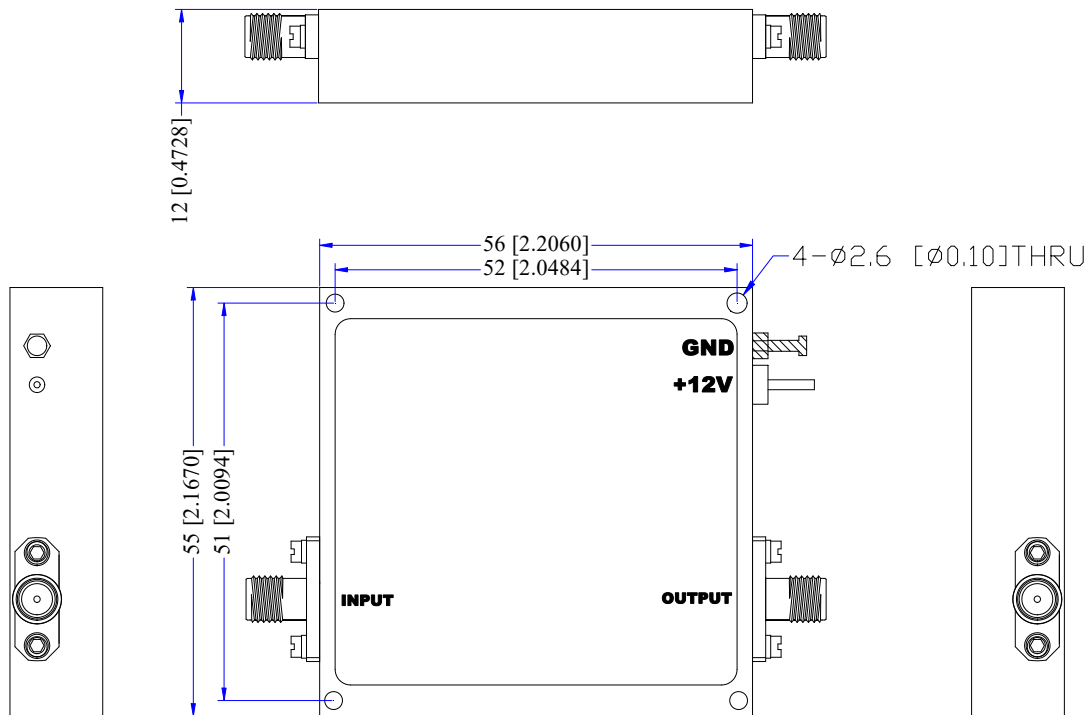
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■ Outline Drawing

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.

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