

12-40GHz Low Noise Amplifier

P/N: LNA120400GAC35



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 39 dB and a typical noise figure of 5.0 dB across the frequency range of 12 to 40 GHz. The typical output power P-1 10dBm. The AC power requirement for the amplifier is 220/50Hz VAC .Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		12-40		GHz
Gain	35	39		dB
Gain Flatness		±2.5	±3.0	dB
Input VSWR		2.0	2.5	-
Output VSWR		2.0	2.5	-
Output Power for (P1dB)		10		dBm
Output Power Psat		13		dBm
Spurious	60			dBc
Noise Figure		5.0	6.0	dB
Input Max Power(no damage)			-15	dBm
AC		110~220V/50Hz		
Impedance		50		Ω
Input/Output Connector		2.92mm-Female/2.92mm-Female		
Material		Aluminium/Black anodizing		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -25°C~+85°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE
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MICZEN THCHNOLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com

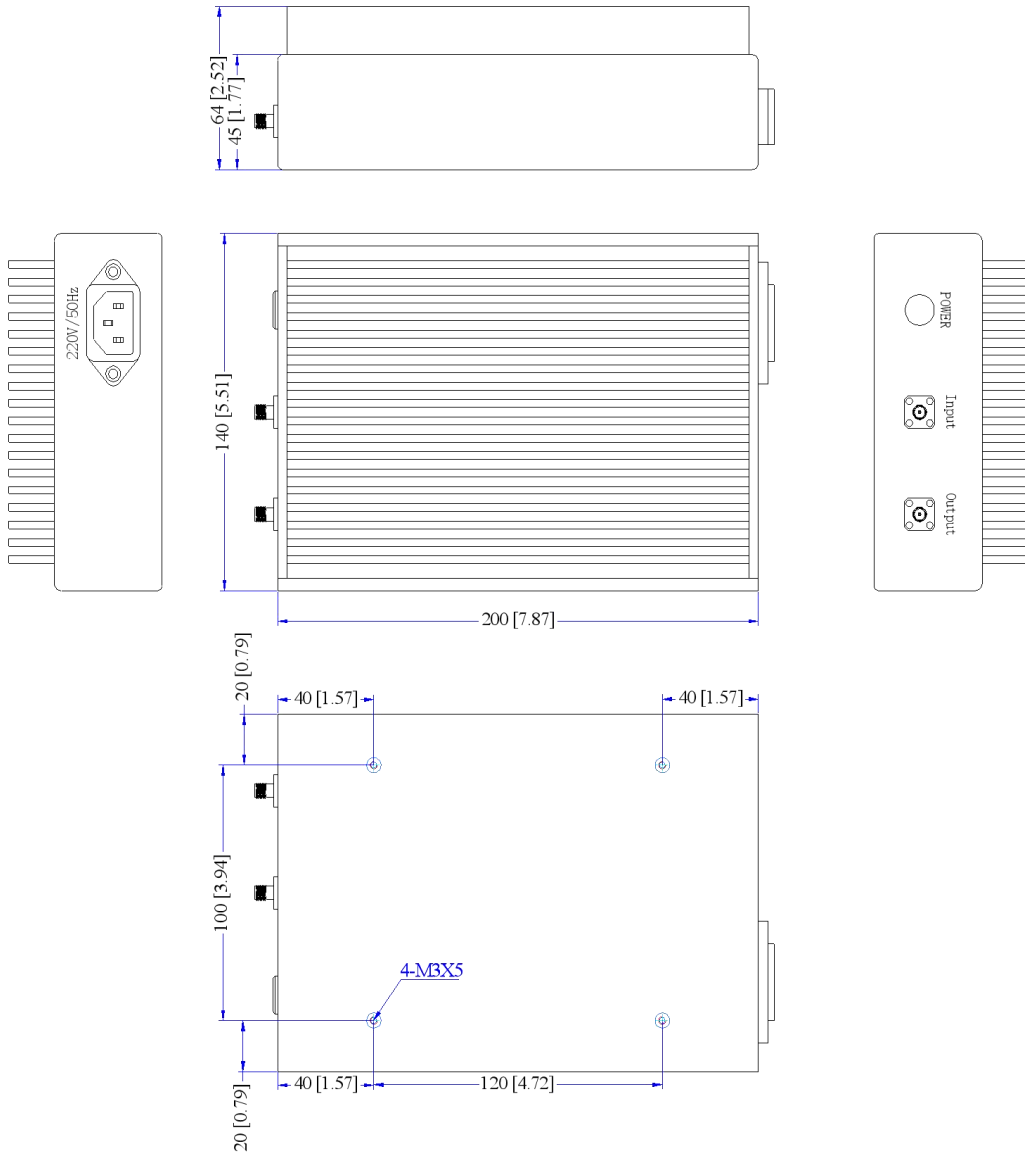
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■ Outline Drawing

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 THCHNOLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com