

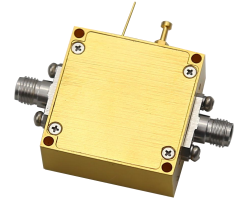
33-37GHz Low Noise Amplifier

P/N: LNA3337GS15



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 15 dB and a typical noise figure of 5.5 dB across the frequency range of 33 to 37 GHz. The typical output power P-1 12dBm. The DC power requirement for the amplifier is +12VDC/110 mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		33-37		GHz
Gain	10	15		dB
Gain Flatness		±1.0		dB
Input VSWR		1.9		-
Output VSWR		1.9		-
Output Power for (P1dB)		12		dBm
Output Power Psat	15			dBm
Spurious		-60		dBc
Output IP3		20		dBm
Noise Figure		4.5	5.5	dB
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+12V)		110	150	mA
Impedance		50		Ω
Input/Output Connector	2.92mm-Female/2.92mm-Female			
Material	Aluminium/Gold Painting			
Weight	50g			
Package Sealing	General Sealing (Standard)			

Environmental Specifications:

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



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

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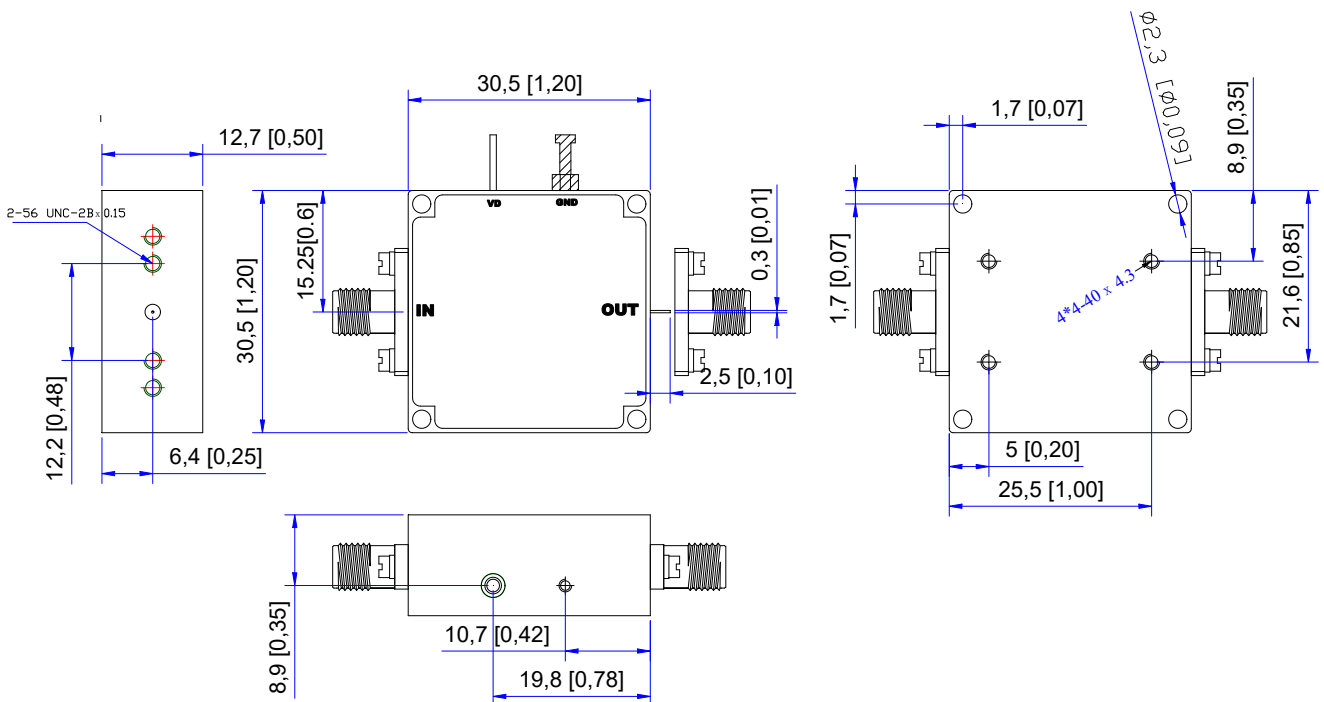
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■ Outline Drawing

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.

MICZEN THCHNOLOGIES CO.,LTD.

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