

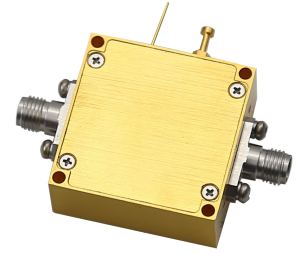
18-26.5GHz Low Noise Amplifier

P/N: LNA18265GS40



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 40 dB and a typical noise figure of 2.5 dB across the frequency range of 18 to 26.5 GHz. The typical output power P-1 18 dBm. The DC power requirement for the amplifier is +8VDC/250 mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		18-26.5		GHz
Gain	40	45		dB
Gain Flatness		±2		dB
Input Return Loss	10			dB
Output Return Loss	10			dB
Output Power for (P1dB)	18	19		dBm
Suprious	60			dBc
Noise Figure		2.5		dB
Output IP3		28		dBm
Input Max Power(no damage)			-10	dBm
DC Current (Vcc=+8V)		250		mA
Impedance		50		Ω
Input/Output Connector		2.92-Female/2.92-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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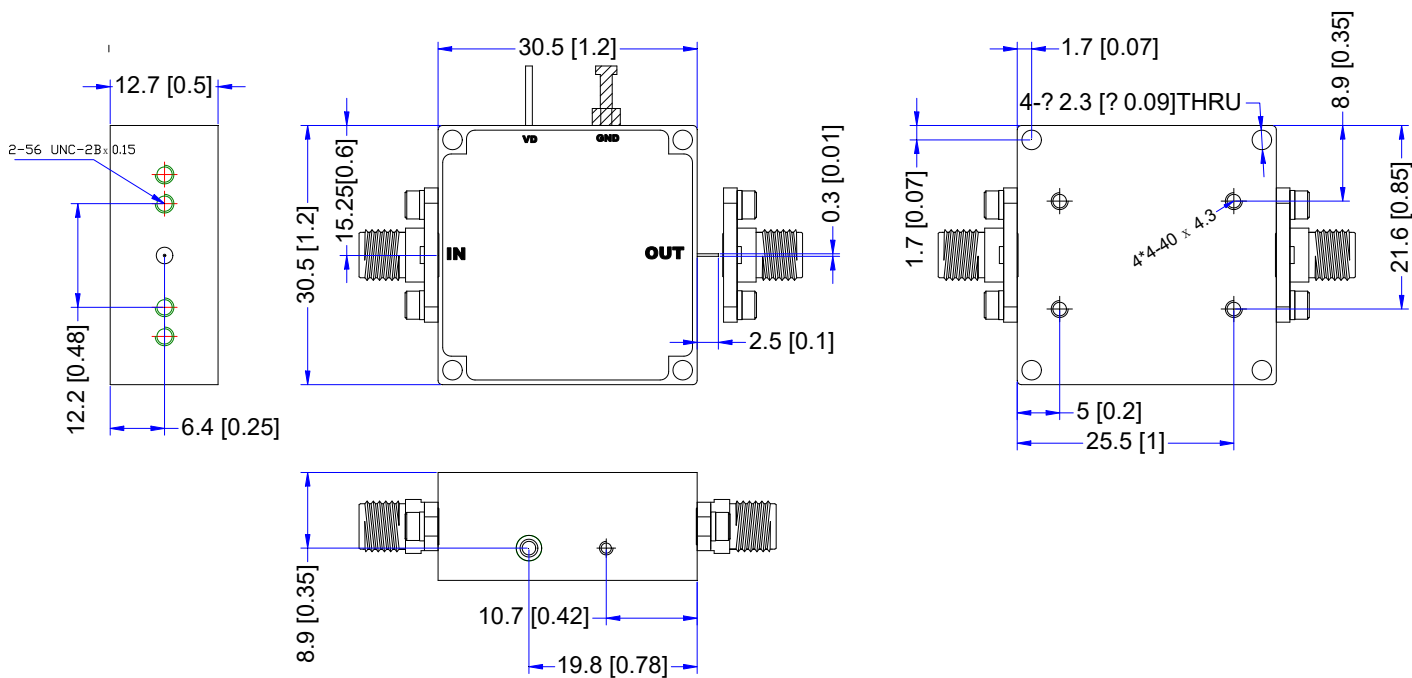
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■ Outline Drawing

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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