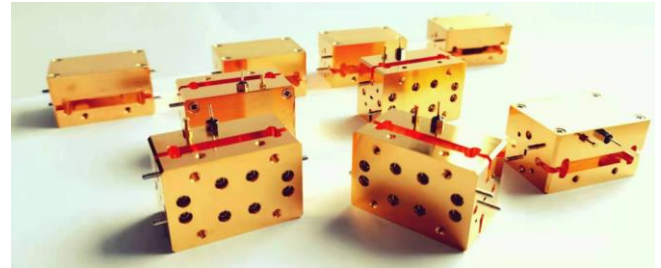


Low noise Amplifier Module

Product Features

- Frequency: 60-90GHz
- Gain =30dB
- Single power supply
- Overheat and over-current protection
- Over-voltage and under-voltage protection
- Input overload protection



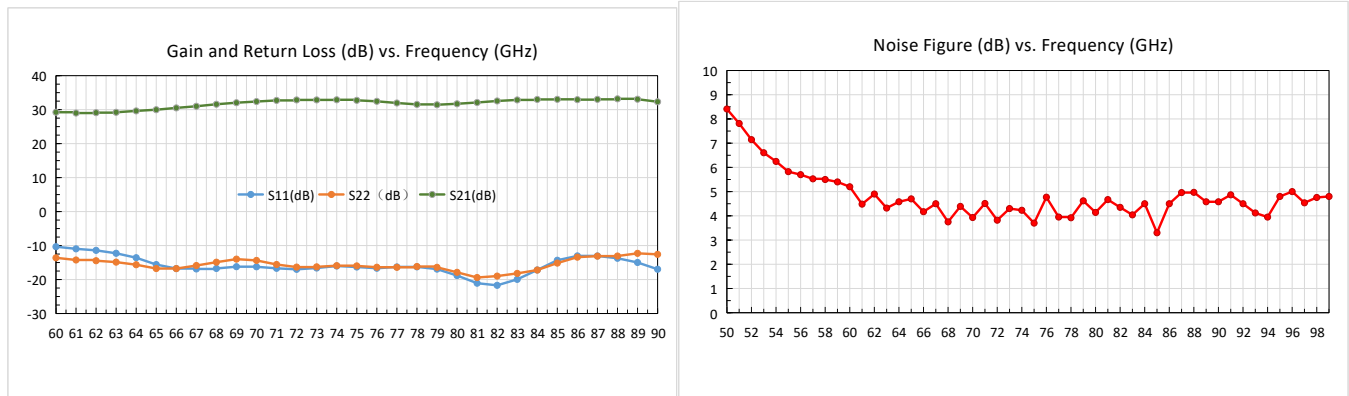
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	60 GHz		90 GHz
Small Signal Gain		30dB	
Noise Figure		4.5dB	
Input Return Loss		15 dB	
Output Return Loss		15 dB	
DC Voltage		+5V	+5.5 V
DC Supply Current		300 mA	
Specification Temperature		+25 °C	
Operating Temperature	0 °C		+50 °C

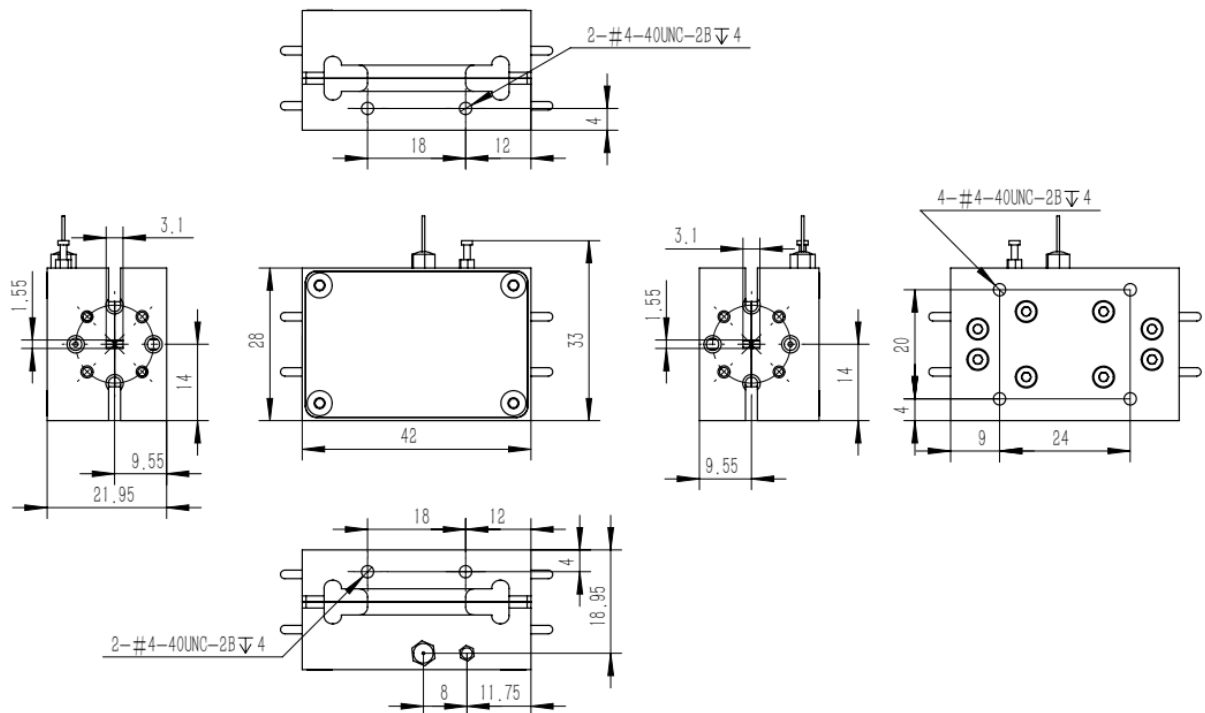
Mechanical Specs:

Item	Specification
Input	WR-12 Waveguide with W/UG-387/U-M Flange
Output	WR-12 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.18kg
Size (W×L×H)	28mm×42mm×21.95mm

Measured Performance:



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.