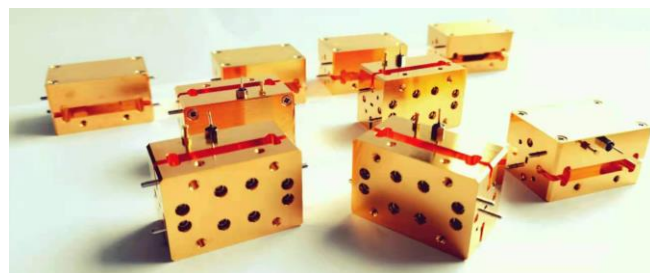


Power Amplifier Module

Product Features

- Frequency: 88-100GHz
- Psat=20dBm
- Single power supply
- Overheat and over-current protection
- Over-voltage and under-voltage protection
- Input overload protection



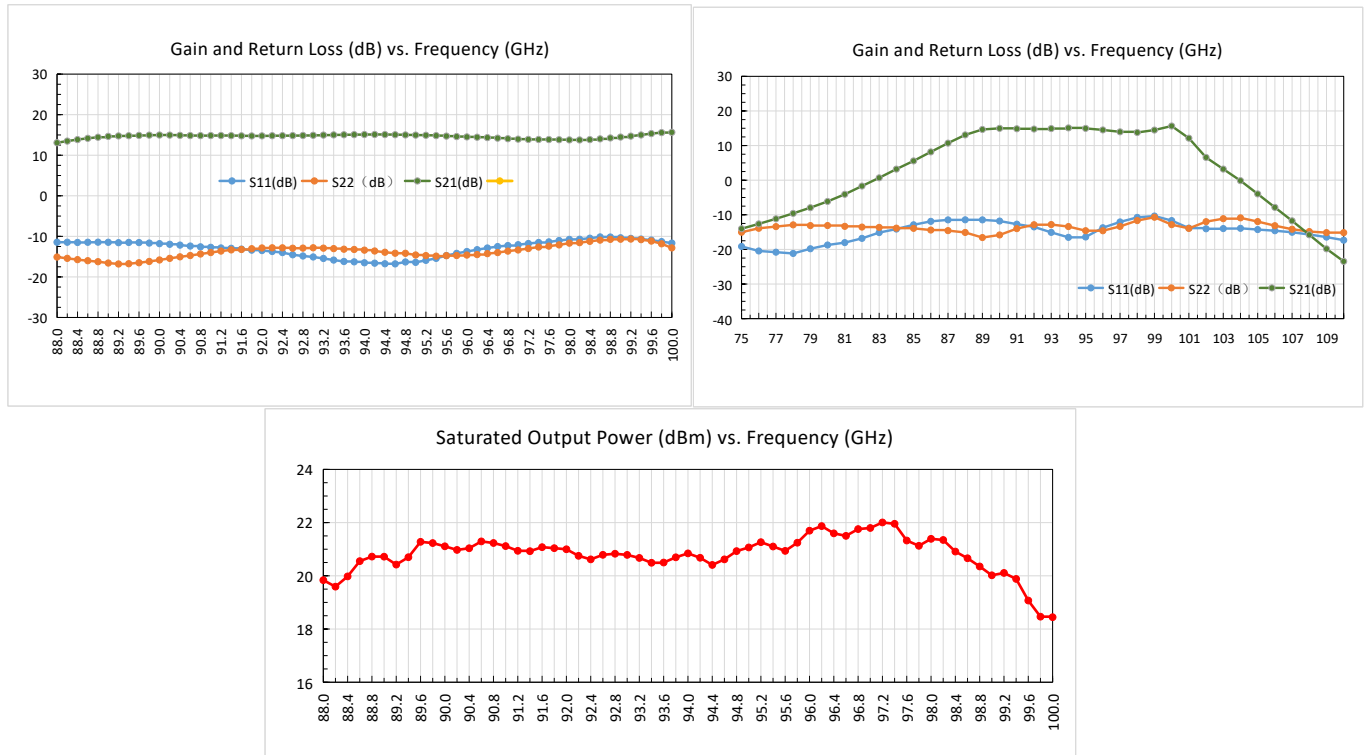
Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	88 GHz		100 GHz
Small Signal Gain		15dB	
Saturated Output Power		20 dBm	
Input Return Loss		10 dB	
Output Return Loss		10 dB	
DC Voltage		+5V	+5.5 V
DC Supply Current		340 mA	
Specification Temperature		+25 °C	
Operating Temperature	0 °C		+50 °C

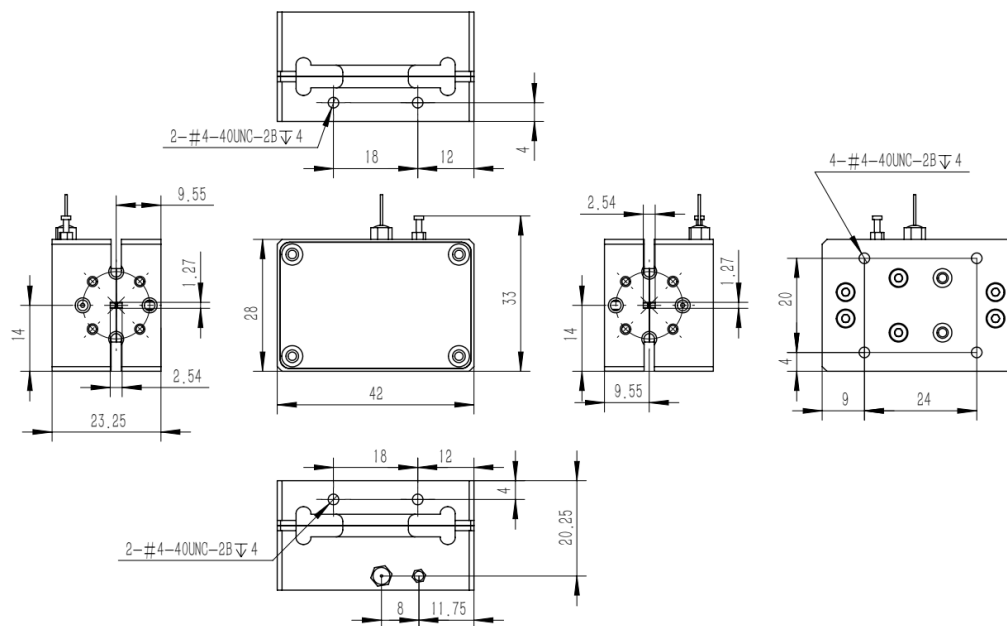
Mechanical Specs:

Item	Specification
Input	WR-10 Waveguide with W/UG-387/U-M Flange
Output	WR-10 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	28mm×42mm×23.25mm

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.