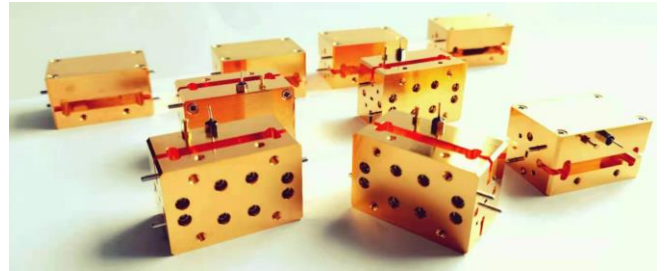


Power Amplifier Module

Product Features

- Frequency: 190-225GHz
- Psat=11dBm
- Single power supply
- Built-in voltage regulator



Electrical Specs:

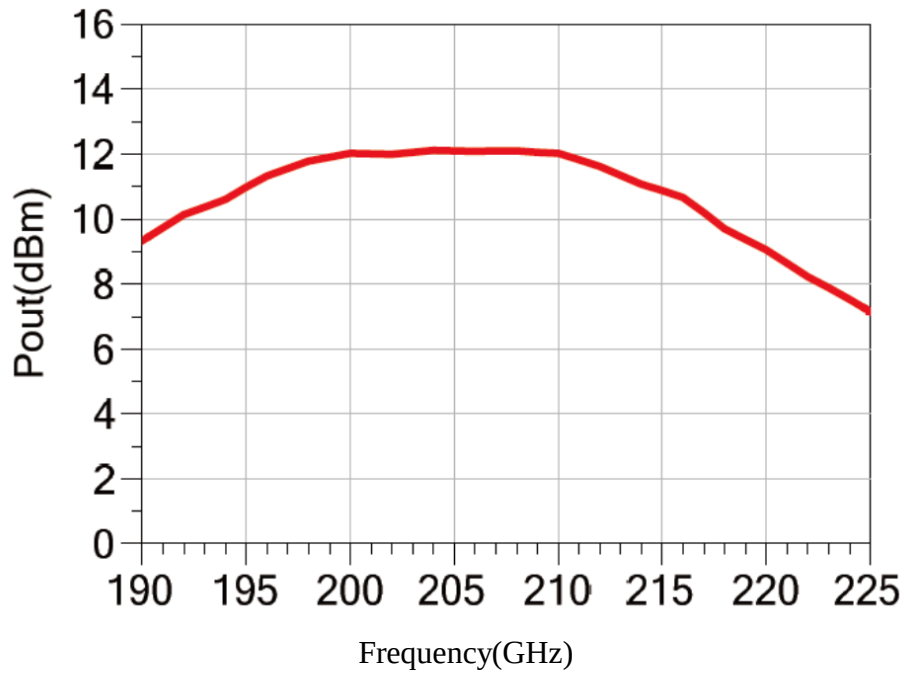
Parameter	Minimum	Typical	Maximum
Output Frequency	190GHz		225 GHz
Output Power		11dBm	
Input Frequency	95GHz		112.5GHz
Input Power		13dBm	15dBm
DC Voltage	+6V	+7V	+10V
DC Supply Current		190 mA	
Storage Temperature	-55 °C		+85 °C
Operating Temperature	5 °C	25°C	35 °C

Mechanical Specs:

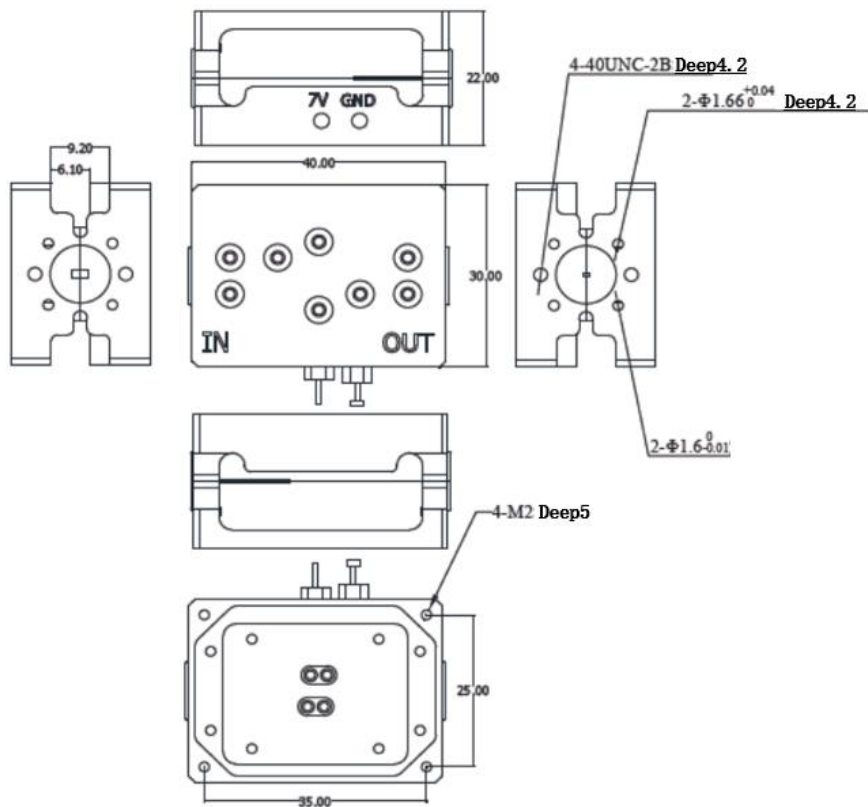
Item	Specification
Input	WR-10 Waveguide with W/UG-387/U-M Flange
Output	WR-04 Waveguide with W/UG-387/U-M Flange
Bias	Solder Pin
Case Material	Brass
Finish	Gold Plated
Weight	0.15kg
Size (W×L×H)	40mm×30mm×22mm

Measured Performance:

Output Power vs. Frequency @Pin=13dBm



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.