

## Features

- Small Signal Gain 30dB
- Low Gain Flatness
- Input VSWR 1.8
- Output Power 10dBm
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	9.3		9.5
Max input Power	dBm			30
Small Signal Gain	dB	30		40
Gain Flatness	dB			±0.5
Noise figure	dB			1.3
Output Power @P1dB	dBm	10		
Input VSWR	: 1			1.8
Output VSWR	: 1			1.8
OIP3	dBm		-	
TTL Control				
TTL Switching Time	us			
Supply Current (Vcc=+12V)	mA		120	
Operating Temp.	°C	-55		+85

## Special Requirements

Input Max Power: +30dBm (pulse width: 2us , Pulse-repetition frequency : 500Hz)  
Recovery time : 200ns

**Note**

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- ESD sensitive material , Transport material in approved ESD bags. Handle only in approved ESD workstation;
- Providing effective cooling measures and electrostatic protection;
- If the product is damaged due to over-drive, no-load, over-temperature, over-current and static electricity in use. Customer needs to pay for the cost of maintenance.

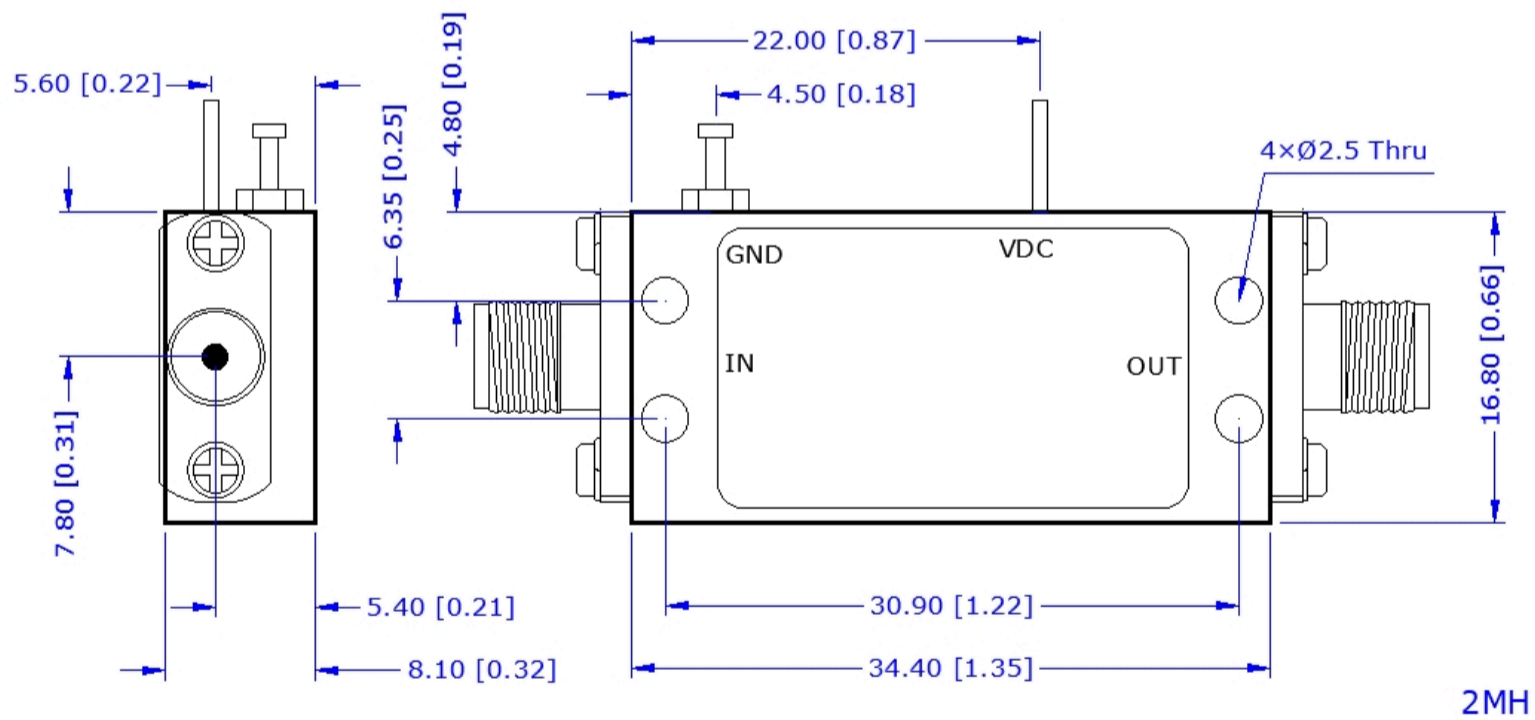
**Mechanical Specifications**

Dimension L*W*H	34.4*16.8*8.1 mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Weight	TBD g
VDC Connector	PIN </td
Finishing	Nickel Plated
Environment	X

**Compliance Certifications**

RoHS Compliant	✓
REACH Compliant	✓

**CAD Drawing**



Dimensions are in mm [Inches]  
 Tolerances : Outline drawing: ±0.2 [0.008]  
 Hole: ±0.2 [0.008]