

## Features

- Small Signal Gain 13dB
- Low Gain Flatness
- Input VSWR 1.6
- Output Power 15dBm
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	9.43		9.53
Small Signal Gain	dB	13		15
Gain Flatness	dB			±0.5
Noise figure	dB		1.3	
Output Power @P1dB	dBm	15		
Input VSWR	: 1			1.6
Output VSWR	: 1			1.6
OIP3	dBm		-	
Reverse Isolation	dB			
Spurious	dBc	-		
Harmonics	dBc			
TTL Control				
TTL Switching Time	us		-	
Supply Current (Vcc=+12V)	mA		150	
Operating Temp.	°C	-40		+70

## Special Requirements

**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.

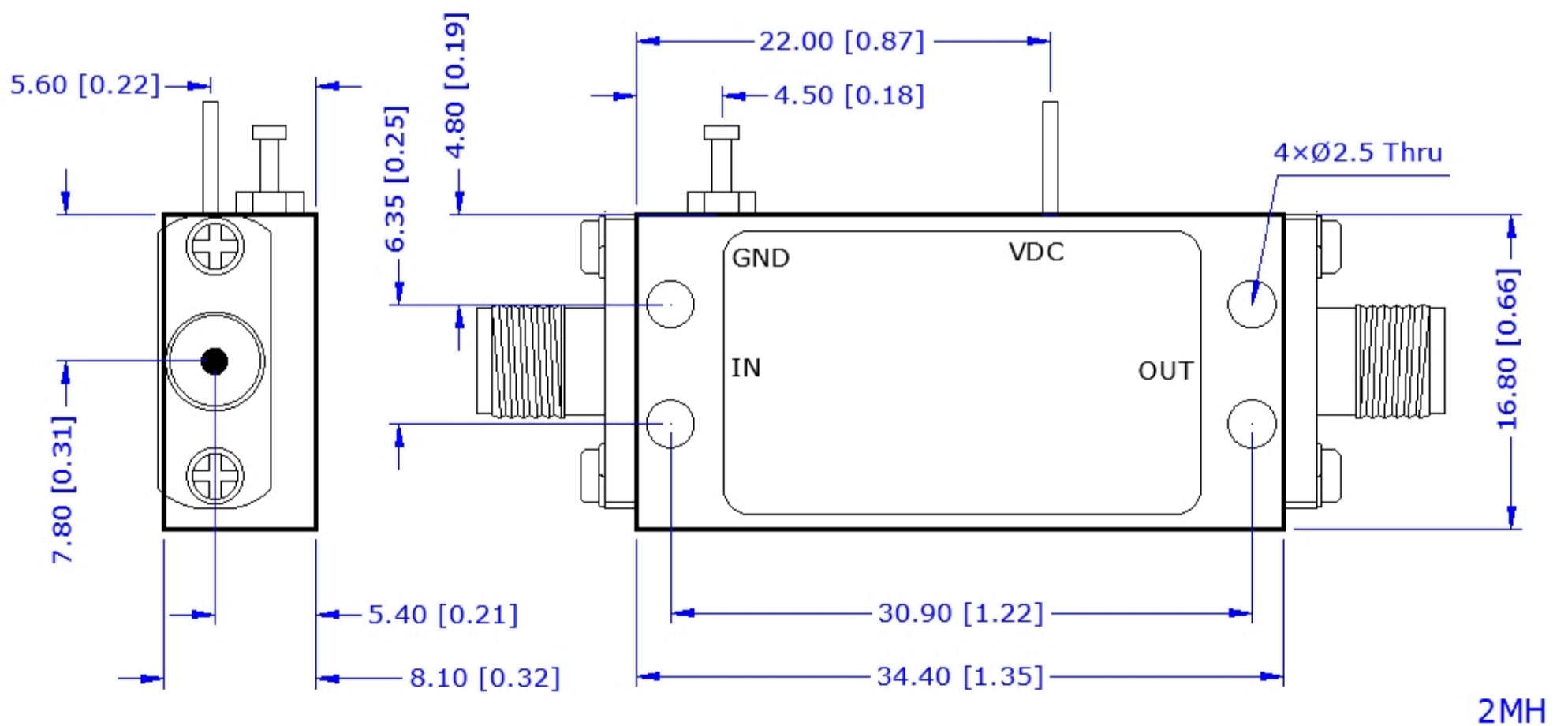
**Mechanical Specifications**

Dimension L*W*H	34.4*16.8*8.1 mm
Input Connector	SMA-Female Stainless Steel
Output Connector	SMA-Female Stainless Steel
Weight	20 g
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]