

## Features

- Small Signal Gain 25dB
- Low Gain Flatness
- Input VSWR 2.0
- Output Power 10dBm
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	8		18
Max input Power	dBm			10
Small Signal Gain	dB	25		30
Gain Flatness	dB			±1
Noise figure	dB		2.2	2.5
Output Power @P1dB	dBm	10		
Input VSWR	: 1			2.0
Output VSWR	: 1			2.0
OIP3	dBm		20	
TTL Control				
TTL Switching Time	us			
Supply Current (Vcc=+12V)	mA		170	
Operating Temp.	°C	-55		+85

## Special Requirements

Gain Flatness over any 1GHz BW : ±0.5dB

## 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.

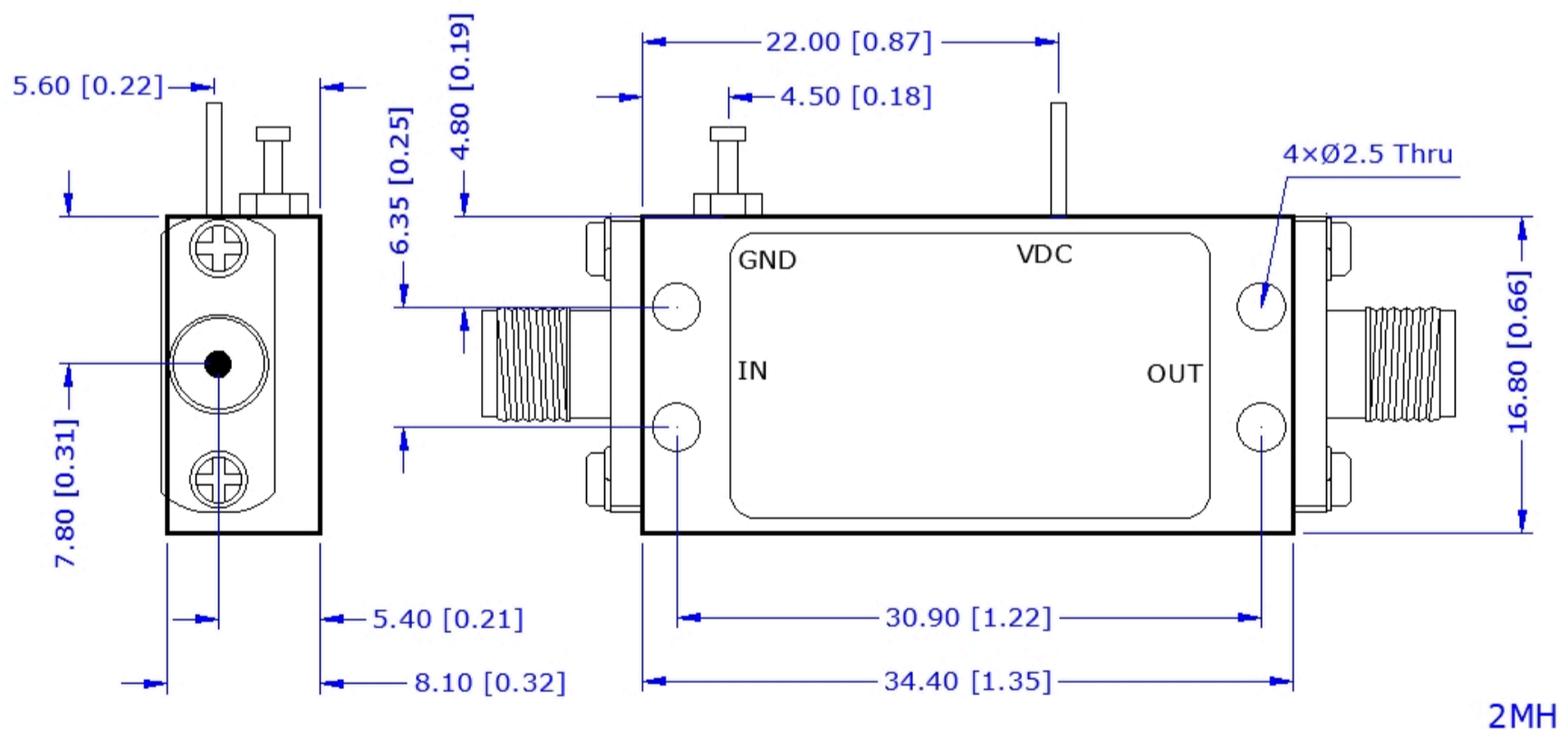
## Mechanical Specifications

Dimension L*W*H	34.4*16.8*8.1 mm
Input Connector	SMA-Female
Output Connector	SMA-Female
Weight	TBD g
VDC Connector	
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]