

## Features

- Small Signal Gain 30dB
- Low Gain Flatness
- Input VSWR 2.5
- Output Power 15dBm
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	0.5		20
Small Signal Gain	dB	30		
Gain Flatness	dB			±2.5
Noise figure	dB		-	
Output Power @P1dB	dBm	15		-
Input VSWR	: 1			2.5
Output VSWR	: 1			-
OIP3	dBm		-	
Reverse Isolation	dB			
Spurious	dBc	-		
Harmonics	dBc			
TTL Control				
TTL Switching Time	us		-	
Supply Current (Vcc=+12V)	mA		TBD	
Operating Temp.	°C	-45		+85

## 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.

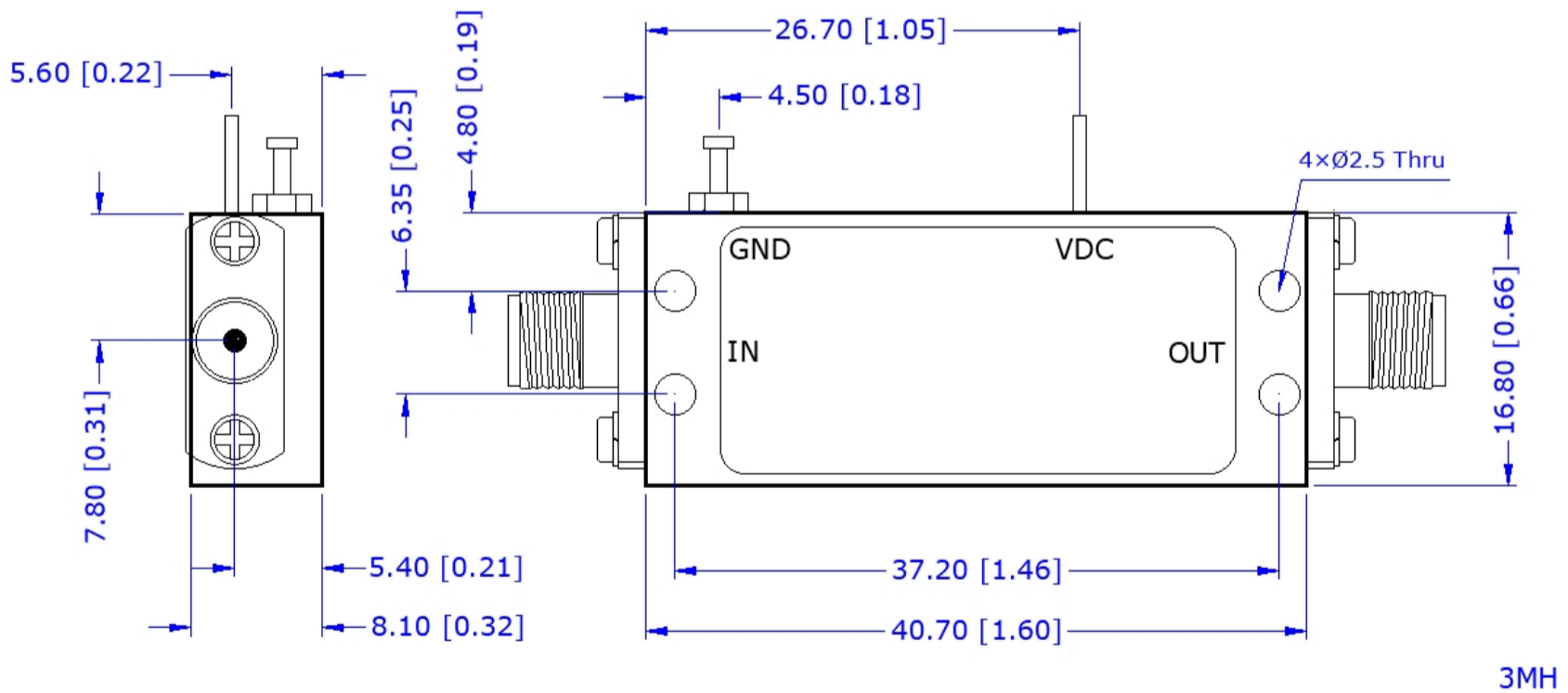
## Mechanical Specifications

Dimension L*W*H	40.7*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]

Input Port VSWR

Output Port VSWR

Output Port Insertion Loss

Output Port Isolation

Amplitude Balance

Phase Balance