

## Features

- Small Signal Gain 20dB
- Low Gain Flatness
- Input VSWR 1.8
- Output Power 20dBm
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	16.2		17.2
Small Signal Gain	dB	20		
Gain Flatness	dB			±1
Noise figure	dB		6.0	
Output Power @P1dB	dBm	20		
Input VSWR	: 1			1.8
Output VSWR	: 1			
OIP3	dBm		30	
Reverse Isolation	dB			
Spurious	dBc	-		
Harmonics	dBc			
TTL Control				
TTL Switching Time	us		-	
Supply Current (Vcc=+12V)	mA		-	
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.

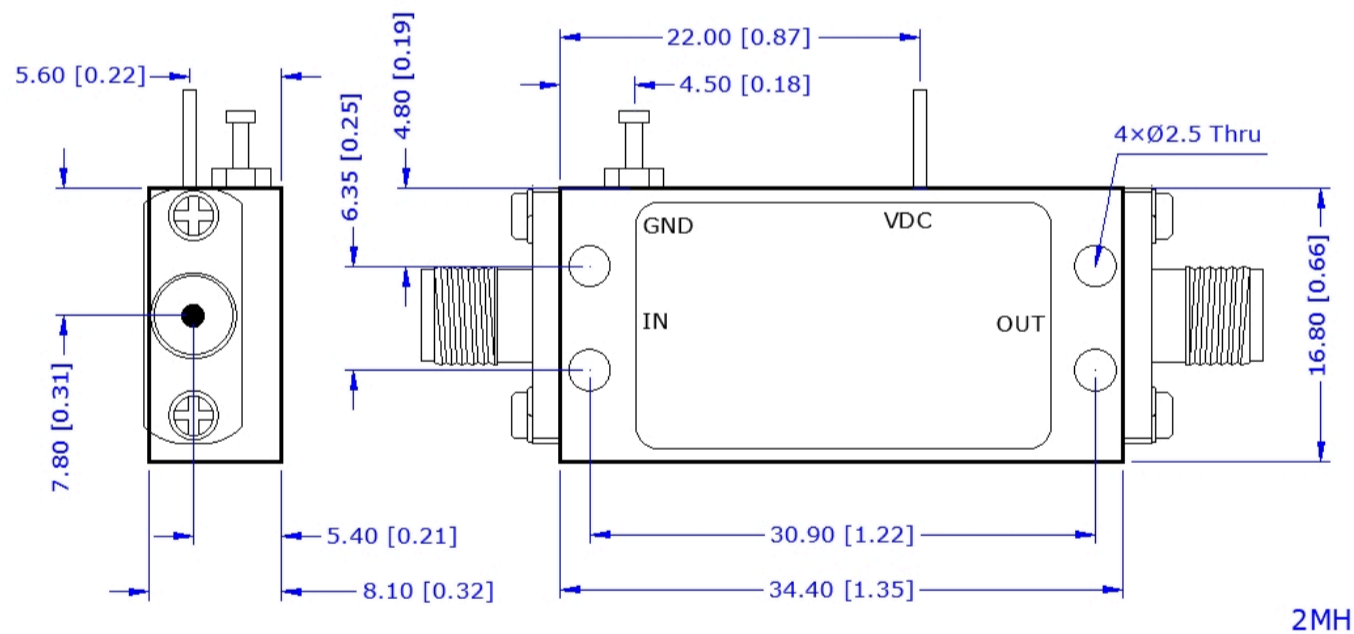
## Mechanical Specifications

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	Self-colour Anodizing
Environment	X

## Compliance Certifications

RoHS Compliant	✓
REACH Compliant	✓

## CAD Drawing

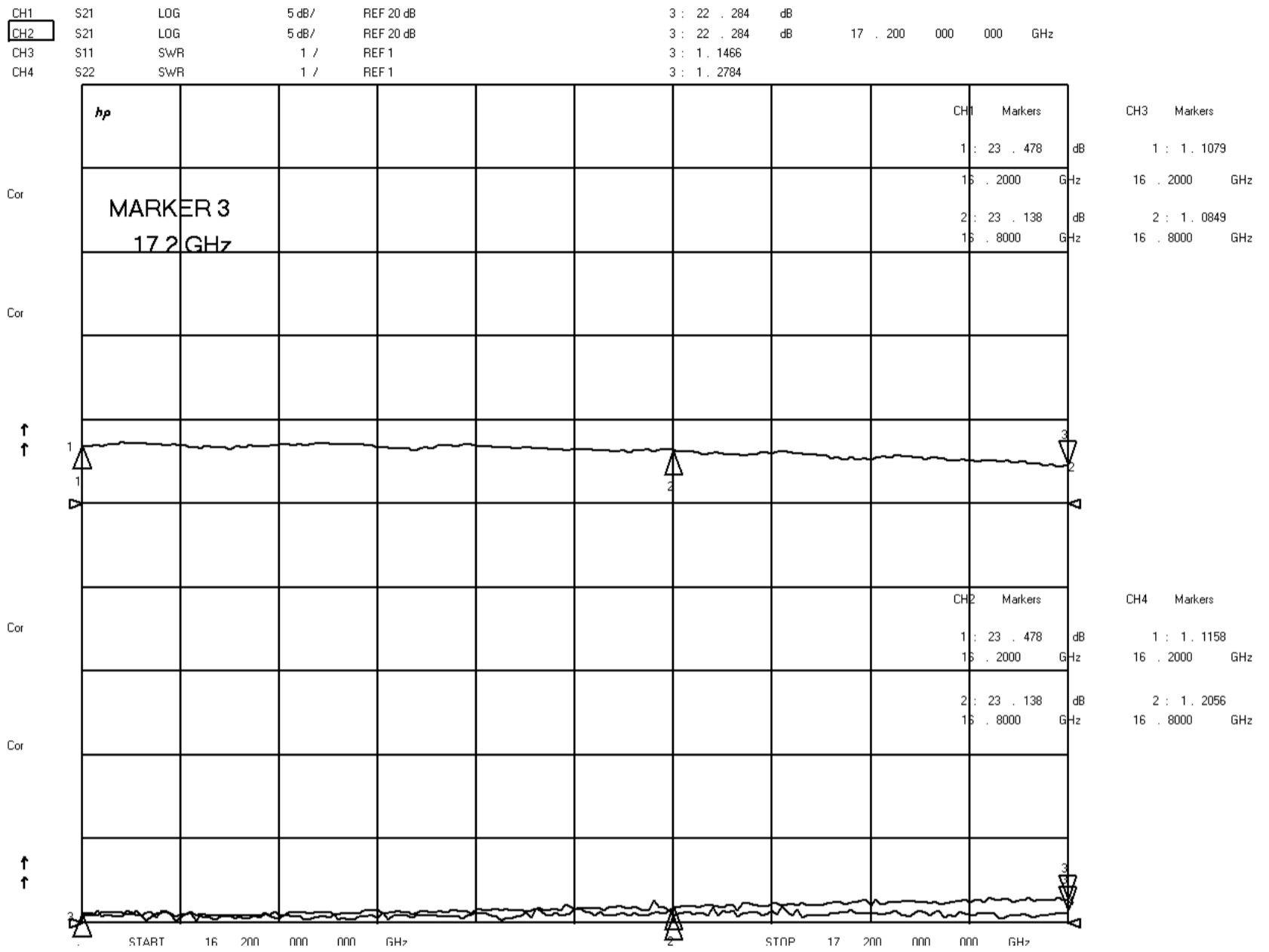


Dimensions are in mm [Inches]  
 Tolerances : Outline drawing:  $\pm 0.2$  [0.008]  
 Hole:  $\pm 0.2$  [0.008]

Input Port VSWR

Output Port VSWR

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\$D1.[FLA042L]

Output Port Insertion Loss

\$D1.[FMB2P5P]

Output Port Isolation

\$D1.[FE3XM1X]

Amplitude Balance

\$D1.[FE1JW2S]

Phase Balance

\$D1.[FX9Y6VG]