

## Features

- Output Freq. : 4 GHz
- Output Power : 13 dBm
- Harmonics : 20 dBc
- Spurious : 80 dBc
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Output Frequency	GHz		4	
Freq. Accuracy	MHz		-	
Freq. Stability	ppm/°C			5
Mechanical Tuning	MHz		-	
Output Power	dBm	13		
Power Variation	dB			±1.5
Phase Noise@10Hz	dBc/Hz	-		
Phase Noise@100Hz	dBc/Hz	-		
Phase Noise@1KHz	dBc/Hz	-		
Phase Noise@10KHz	dBc/Hz	95		
Phase Noise@100KHz	dBc/Hz	115		
Phase Noise@1MHz	dBc/Hz	-		
2nd Harmonics	dBc	20		
Spurious	dBc	80		
Pushing@+12±0.5V	MHz / V			±0.3
Pulling@VSWR 2.0: 1	MHz			±1
Supply Voltage	V	+12		+15
Current	mA		80	
Operating Temp.	°C	-40		+70

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;

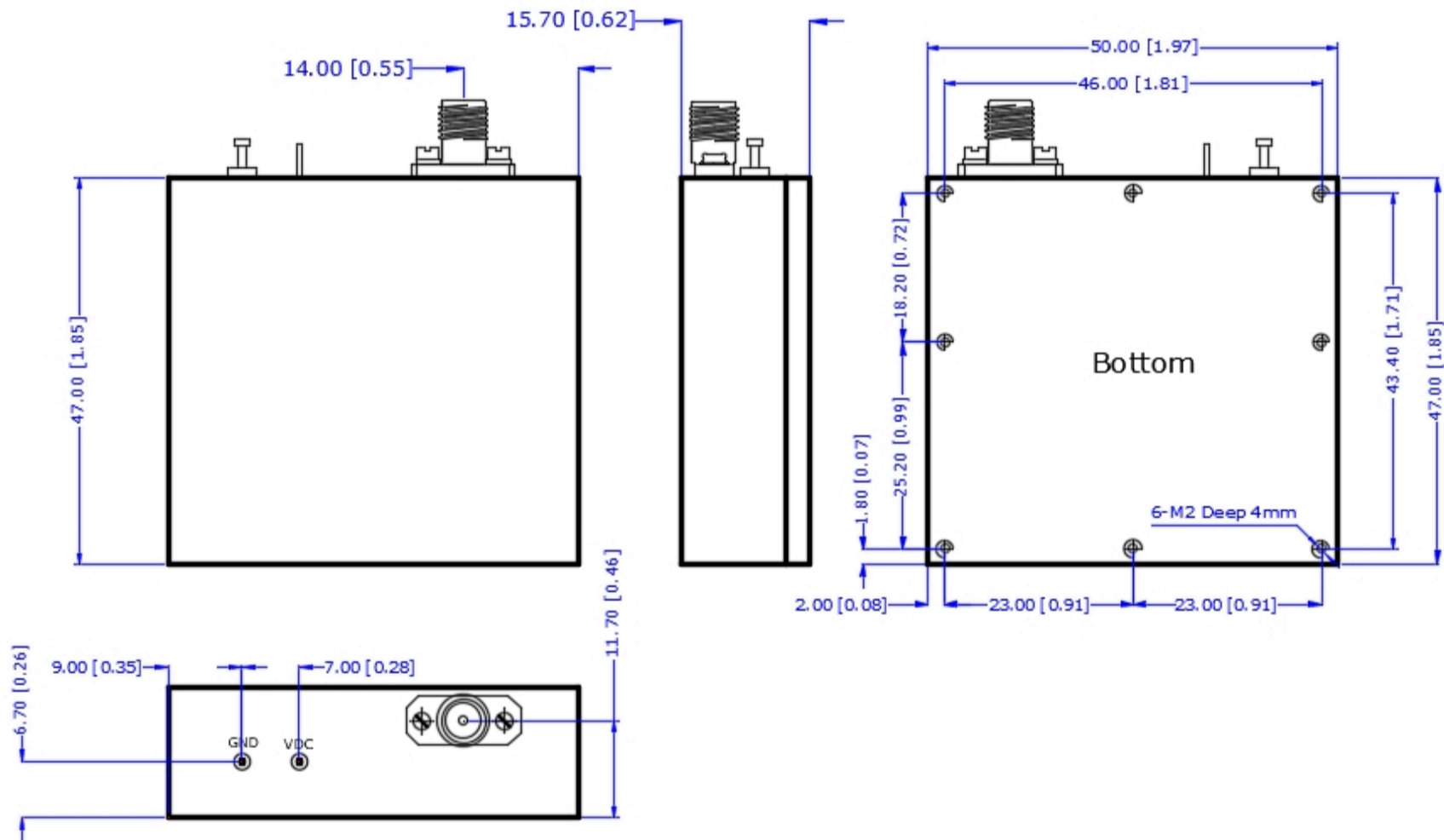
**Mechanical Specifications**

Dimension L*W*H	47×50×15.7 mm
Output Connectors	SMA-Female Stainless Steel
Weight	TBD g
Finishing	Nickel Plated

**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]