

## Features

- Output Freq. : 17.5 GHz
- Output Power : 10 dBm
- Harmonics : -20 dBc
- Spurious : -70 dBc
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Output Frequency	GHz		17.5	
Freq. Accuracy	ppm		±7	
Freq. Stability	ppm/°C			
Mechanical Tuning	MHz			
Output Power	dBm	10		
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			-70
Phase Noise@100KHz	dBc/Hz			
Phase Noise@1MHz	dBc/Hz			
2nd Harmonics	dBc			-20
Spurious	dBc			-70
Pushing@+12±0.5V	MHz / V			±0.3
Pulling@VSWR 2.0: 1	MHz			±1
Supply Voltage	V	+12		
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 ;

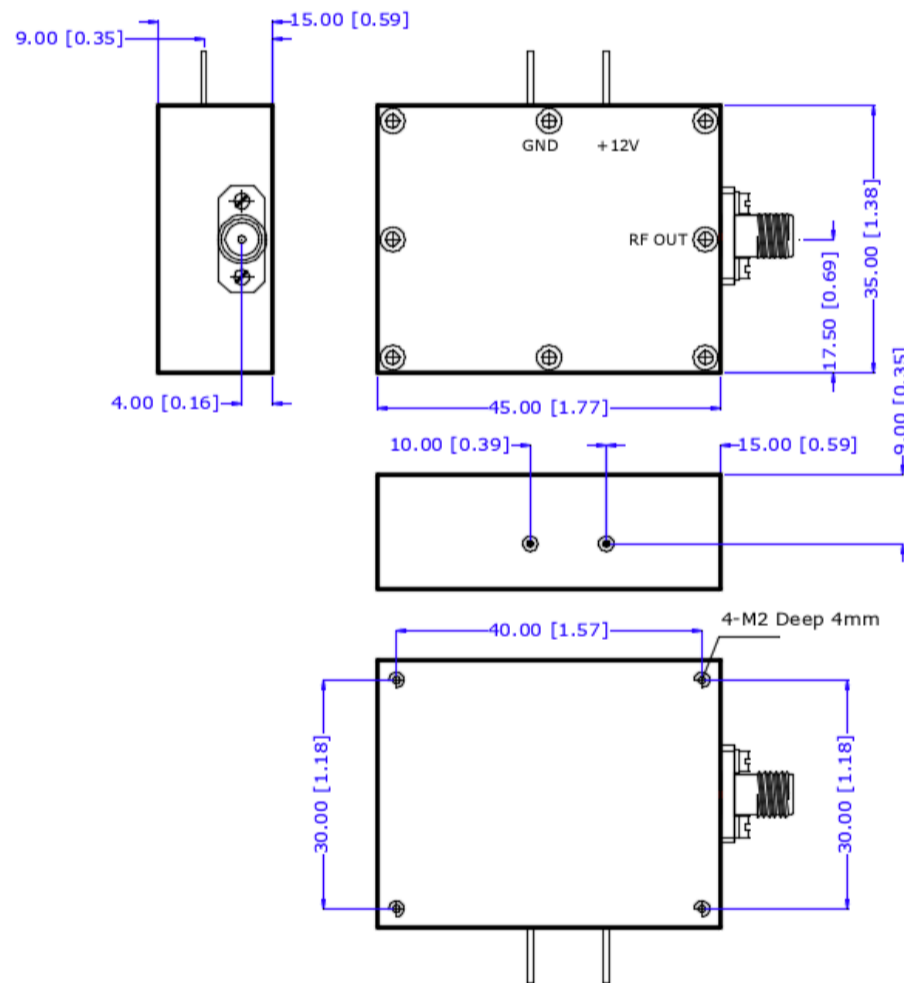
## Mechanical Specifications

Dimension L*W*H	45*35*15 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:  $\pm 0.2$  [0.008]  
Hole:  $\pm 0.2$  [0.008]