

## Features

- External Reference
- Output Power : 10dBm
- Output Freq. : 30 GHz
- Harmonics : -45 dBc
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Output Frequency	GHz		30	
Output Power	dBm		10-	
Phase Noise@10Hz	dBc/Hz			-
Phase Noise@100Hz	dBc/Hz			-
Phase Noise@1KHz	dBc/Hz			-
Phase Noise@10KHz	dBc/Hz			-
Phase Noise@100KHz	dBc/Hz			-
Phase Noise@1MHz	dBc/Hz			-120
Reference Frequency	MHz		100	
Reference Input Power	dBm		0±3	
2nd Harmonics	dBc		-45	
Spurious	dBc		-70	
Supply Voltage	V	+	+ 15	+
Current	mA		TBD	
Operating Temp.	°C	+20		+35
Lock Detect	TTL High (3.3V - 5V) in Lock ; TTL Low (0V -0.7V) Unlock			

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- External Reference & Dual Loop Models Frequency Stability : Same as External Reference.
- External Ref. Phase noise deteriorate : =20 log ( Output Freq / Ref. Freq ) +3

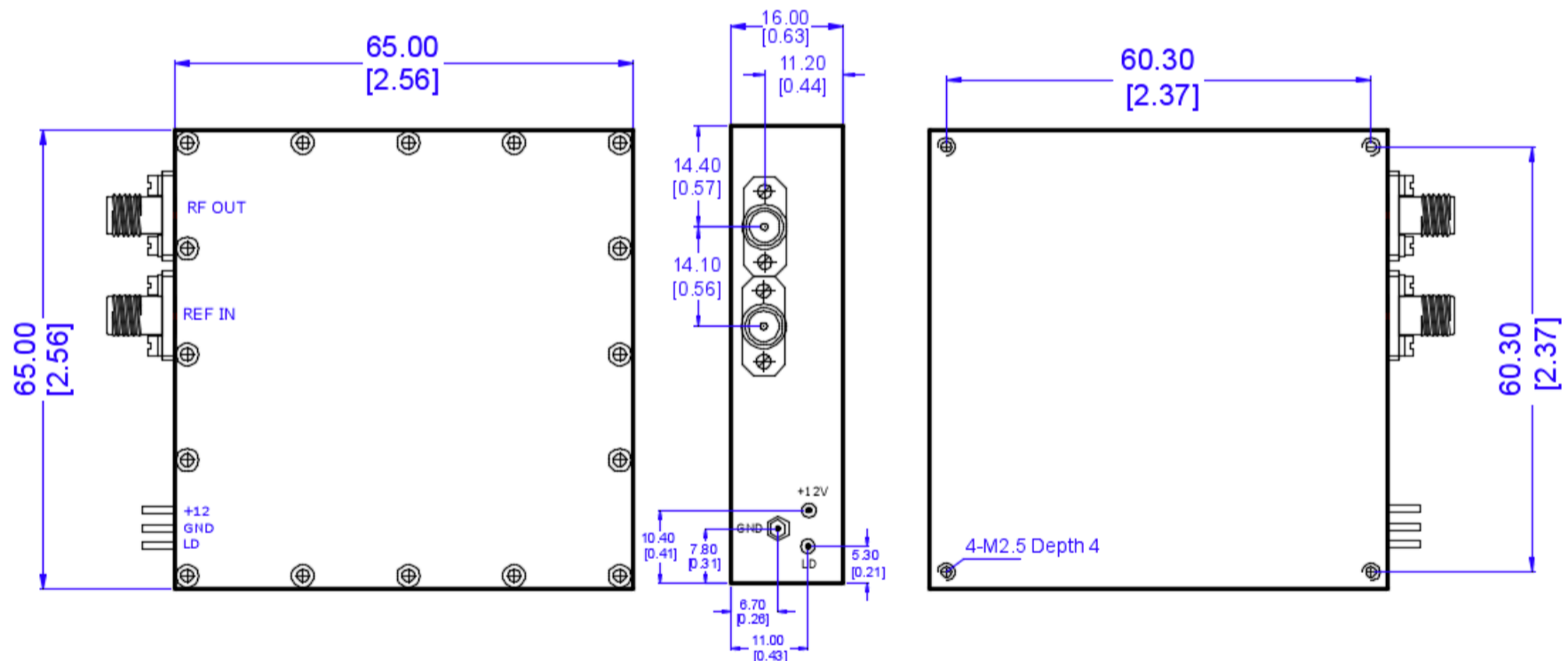
## Mechanical Specifications

Dimension L*W*H	65*65*16 mm
Ref. Connector	2.92mm-Female Stainless Steel
Output Connectors	2.92mm-Female Stainless Steel
Weight	TBD g
Finishing	Self-colour Anodizing
Environment	Nominal

## 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]