

## Features

- Nominal Coupling 20dB
- Low Coupling Balance  $\pm 1$ dB
- Low Insertion Loss 0.5dB
- RoHS and REACH Compliant
- High Directivity 15dB

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	10		15
Nominal Coupling	dB		20	
Coupling Balance	dB		$\pm 1$	
Insertion Loss (True)	dB			0.5
Freq. Flatness	dB			1.2
Main Line VSWR				1.4
Secondary Line VSWR				1.4
Directivity	dB	15	17	
Input Power (CW)	W			50
Input Power (Peak)	KW			1
Impedance	Ohms		50	
Operating Temp.	°C	-45		+85

## Special Requirements

When the coupling port is used as signal input, the maximum power is less than 33dBm

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- Insertion Loss Including Nominal Coupling Loss 0.04 dB. ;
- Relative Humidity 5 to 95% ;

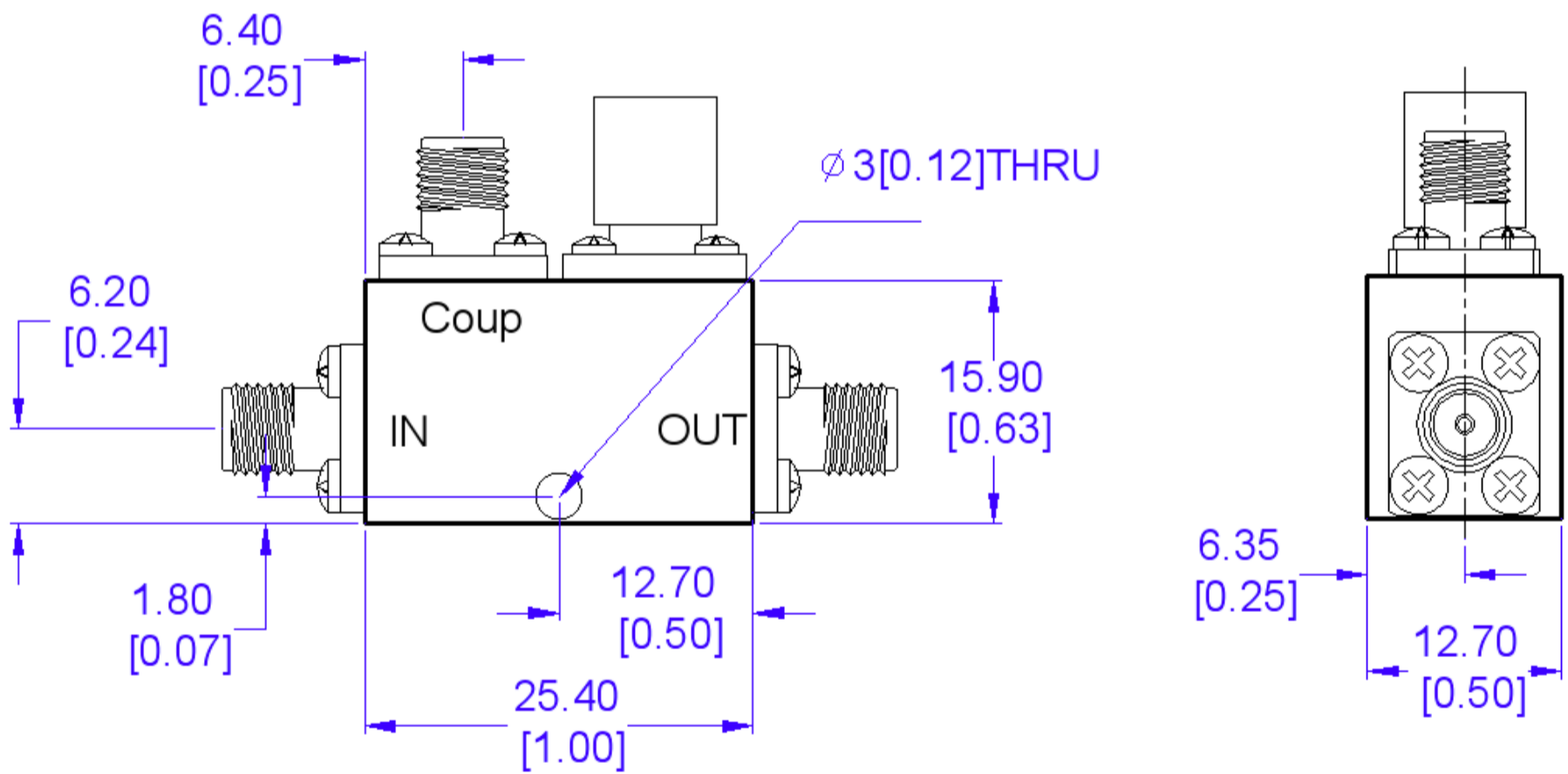
**Mechanical Specifications**

Dimension L*W*H	25.4*15.9*12.7 mm
Input Connector	SMA-Female Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	TBD g
Finishing	Paint Black
Environment	Nominal

**Compliance Certifications**

RoHS Compliant	✓
REACH Compliant	✓

**CAD Drawing**



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