

## Features

- Design : Microstrip
- Stainless Steel Connectors
- Low Insertion Loss 1.5@F0 dB
- High Rejection
- RoHS and REACH Compliant

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	9.4	11.1	12.8
Bandwidth	MHz		3400	
Insertion Loss	dB			1.5@F0
Ripple	dB			0.7
Return Loss	dB	9.54		
Group delay	ns			6.5ns
Group Delay Variation	ns			-
Phase Linearity	deg			-
Amplitude Matching	dB			-
Rejection	dB	45@13-15GHz		
Power	W			1
Operating Temp.	°C	-20		+85

## Special Requirements

Insertion Loss : 2.0dB max. in bandwidth. Ripple : 1.5dB max. in bandwidth. Group delay : 6.5ns max. in 325MHz span.

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- Relative Humidity 5 to 95% at +25°C ;

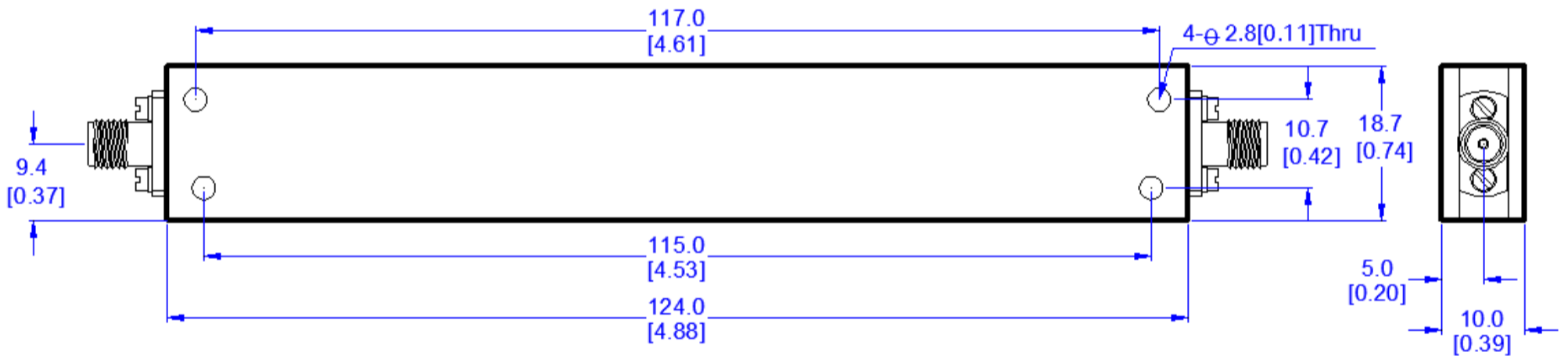
**Mechanical Specifications**

Dimension L*W*H	124*18.7*10 mm
Input Connector	SMA-Female Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	TBD g
Finishing	Paint Black
Environment	X

**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]

Insertion Loss , Return Loss , Rejection and etc.