

## Features

- Low Phase Balance  $\pm 10$ dB
- Low Insertion Loss 2.8dB
- Low Amplitude Balance  $\pm 1.0$ dB
- RoHS and REACH Compliant
- High Isolation 16dB

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	2		12.4
Phase Difference	deg		180	
Insertion Loss	dB			2.8
VSWR				1.6
Amplitude Balance	dB			$\pm 1.0$
Phase Balance	deg			$\pm 10$
Isolation	dB	16		
Input Power (CW)	W			50
Input Power (Peak)	KW			0.5
Impedance	Ohms		50	
Operating Temp.	$^{\circ}$ C	-40		+70

## Special Requirements

## Note

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

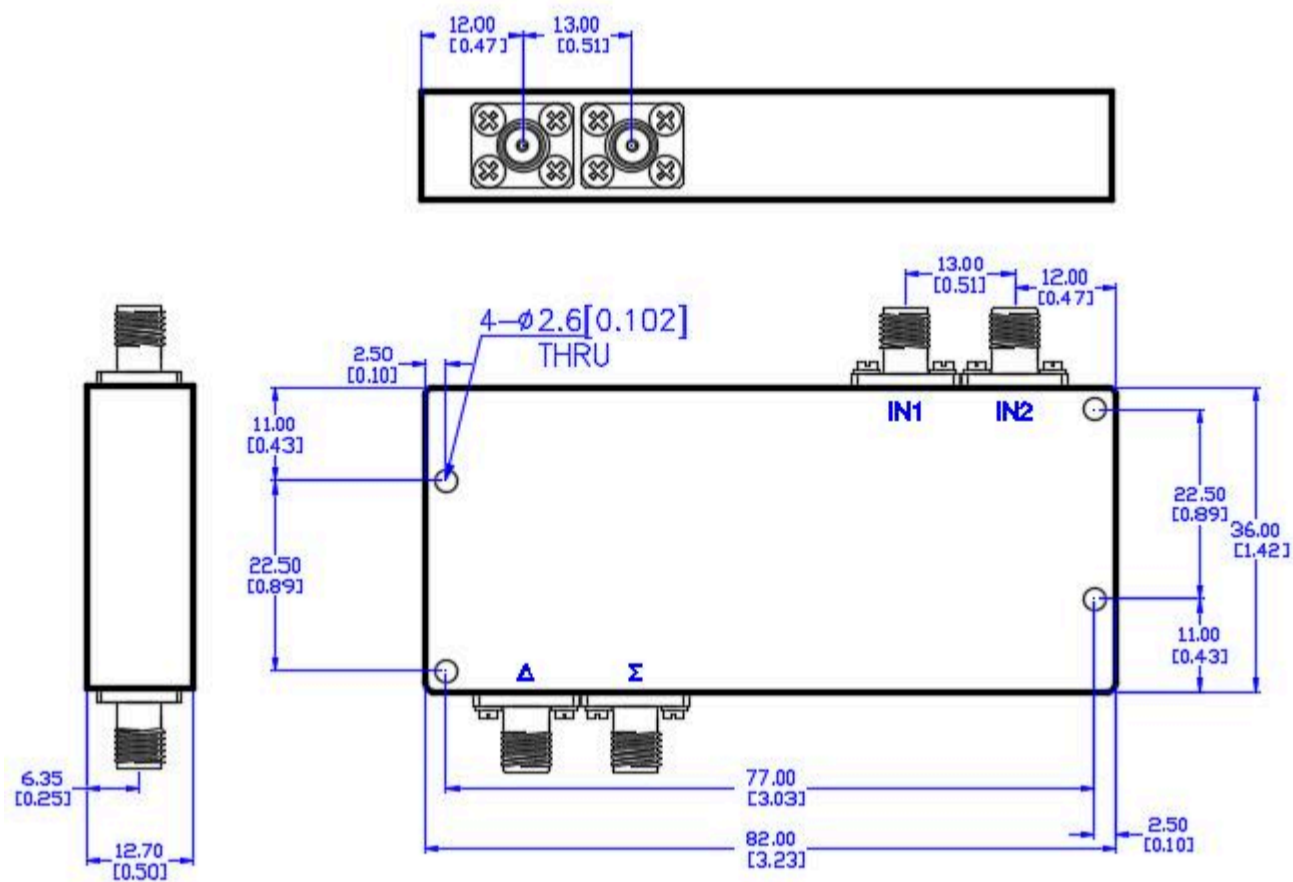
**Mechanical Specifications**

Dimension L*W*H	82*36*12.7 mm
Input Connector	SMA-Female Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	TBD g
Finishing	[F8YL9F8]
Environment	Paint Black

**Compliance Certifications**

RoHS Compliant	Nominal
REACH Compliant	Nominal

**CAD Drawing**



Dimensions are in mm [Inches]  
Tolerances : Outline drawing: ±0.2 [0.008]  
Hole: ±0.2 [0.008]