

## Features

- Low Phase Balance 20dB
- Low Insertion Loss 2.0dB
- Low Amplitude Balance 1.4dB
- RoHS and REACH Compliant
- High Isolation 12dB

## Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Freq. Range	GHz	22		33
Phase Difference	deg		90	
Insertion Loss	dB			2.0
VSWR				1.8
Amplitude Balance	dB			1.4
Phase Balance	deg			20
Isolation	dB	12		
Input Power (CW)	W			20
Input Power (Peak)	KW			0.3
Impedance	Ohms		50	
Operating Temp.	°C	-40		+85

## 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% ;

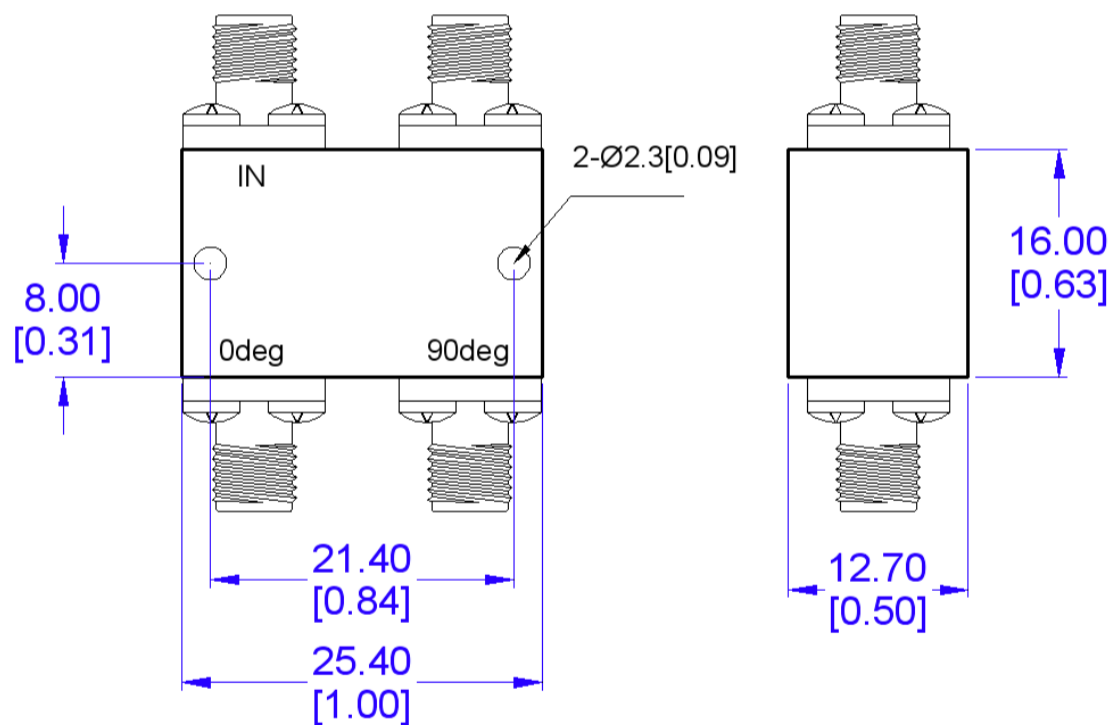
### Mechanical Specifications

Dimension L*W*H	25.4*12.7*16 mm
Input Connector	2.92mm-Female Stainless Steel
Output Connectors	2.92mm-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:  $\pm 0.2$  [0.008]  
 Hole:  $\pm 0.2$  [0.008]