

## Features

- Design : Suspended Stripline
- Stainless Steel Connectors
- Low Insertion Loss 1.5 dB
- High Rejection
- RoHS and REACH Compliant

## Electrical Specifications

| Description           | Units | Minimum      | Typical | Maximum |
|-----------------------|-------|--------------|---------|---------|
| Freq. Range           | GHz   | 3.5          |         | 18      |
| Bandwidth             | MHz   |              | 14500   |         |
| Insertion Loss        | dB    |              |         | 1.5     |
| Ripple                | dB    |              |         | -       |
| Return Loss           | dB    | 9.5          |         |         |
| Group delay           | ns    |              |         | -       |
| Group Delay Variation | ns    |              |         | -       |
| Phase Linearity       | deg   |              |         | -       |
| Amplitude Matching    | dB    |              |         | -       |
| Rejection             | dB    | 45@DC-2.9GHz |         |         |
| Power                 | W     |              |         | 1       |
| 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 ;
- Relative Humidity 5 to 95% ;

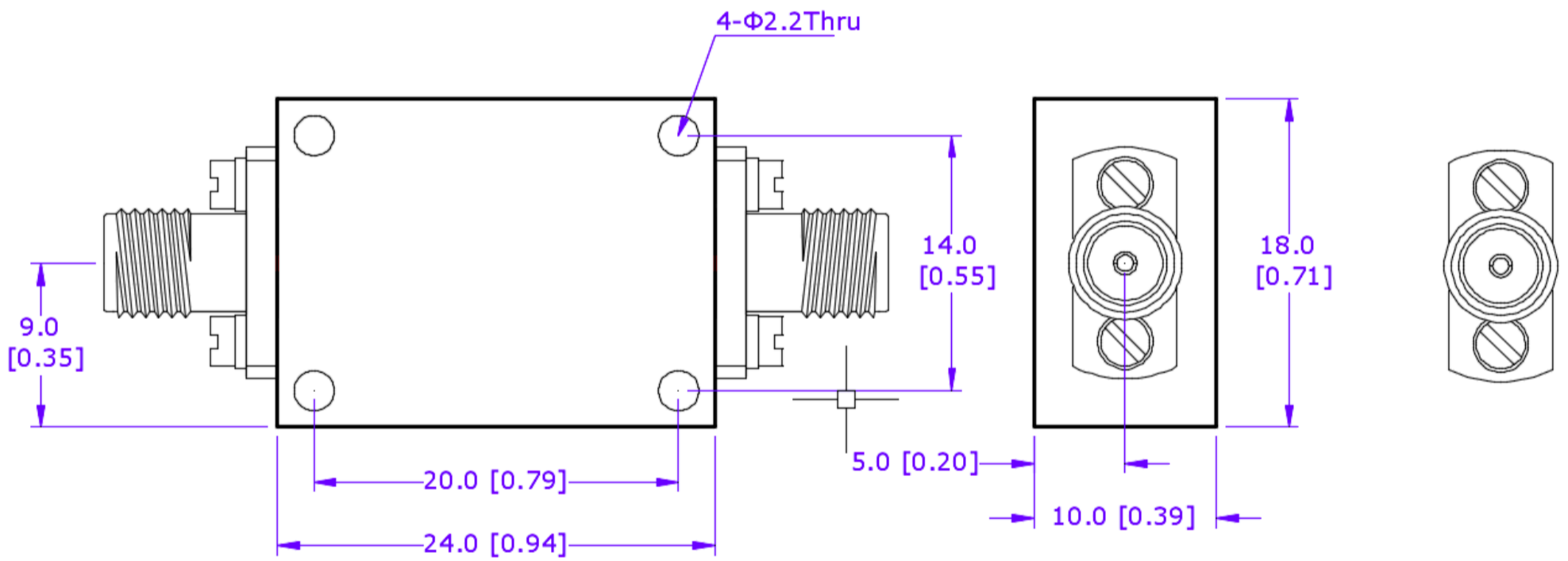
**Mechanical Specifications**

|                   |                            |
|-------------------|----------------------------|
| Dimension L*W*H   | 24*18*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]