

## Features

- Design : Cavity
- Connectors
- Low Insertion Loss 1.0 dB
- High Rejection
- RoHS and REACH Compliant

## Electrical Specifications

| Description           | Units | Minimum      | Typical       | Maximum      |
|-----------------------|-------|--------------|---------------|--------------|
| Freq. Range           | GHz   | 4.8          | 4.9           | 5            |
| Bandwidth             | MHz   |              | 200           |              |
| Insertion Loss        | dB    |              |               | 1.0          |
| Ripple                | dB    |              |               | 0.6          |
| Return Loss           | dB    | 14           |               |              |
| Group delay           | ns    |              |               | -            |
| Group Delay Variation | ns    |              |               |              |
| Phase Linearity       | deg   |              |               | -            |
| Amplitude Matching    | dB    |              |               | -            |
| Rejection             | dB    | 50@DC-2.8GHz | 40@2.8-4.6GHz | 50@5.4-11GHz |
| Power                 | W     |              |               | 5            |
| Operating Temp.       | °C    |              |               |              |

## 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% at +25°C ;

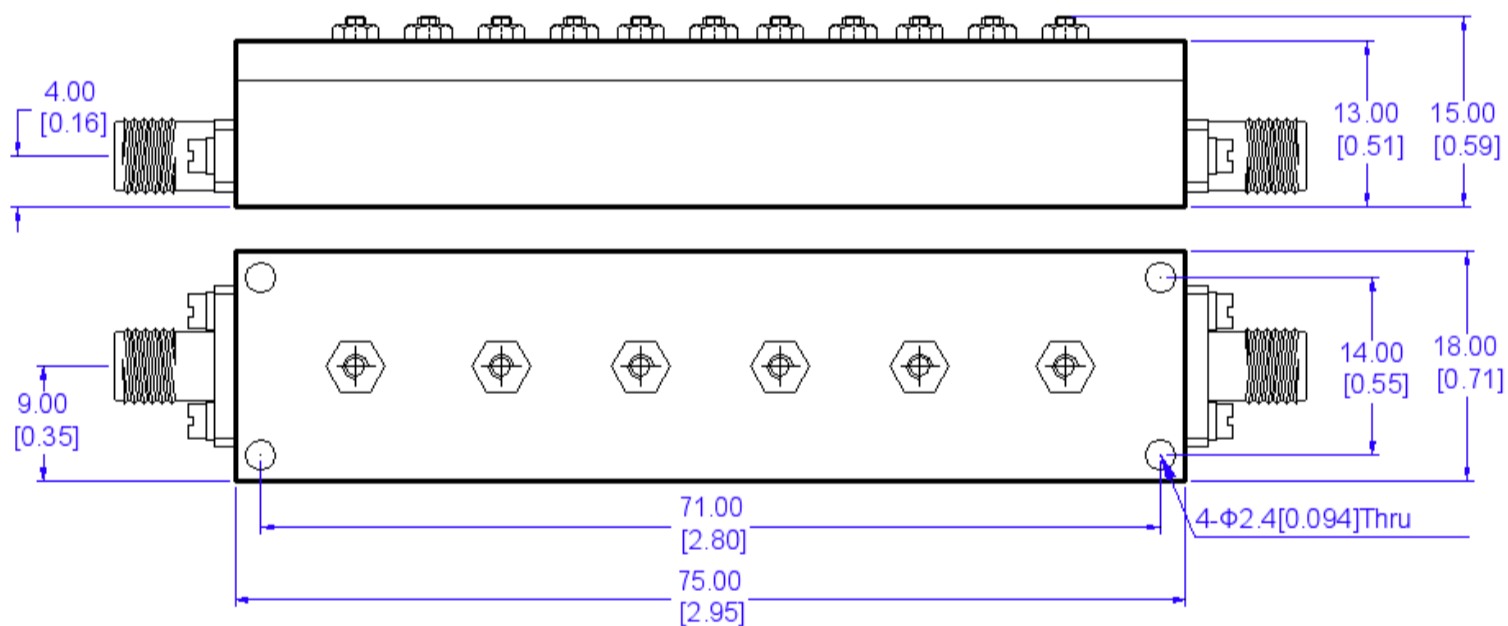
**Mechanical Specifications**

|                   |             |
|-------------------|-------------|
| Dimension L*W*H   | 75*18*15 mm |
| Input Connector   | SMA-Female  |
| Output Connectors | SMA-Female  |
| Weight            | TBD g       |
| Finishing         |             |
| 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]