

Features

- Design : Cavity
- 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 | 6.9 | 8 | 9.1 |
| Bandwidth@1dB | MHz | | 2200 | |
| Insertion Loss | dB | | | 1.5 |
| Ripple | dB | | | |
| Return Loss | dB | 12 | | |
| Group delay | ns | | | - |
| Group Delay Variation | ns | | | 1.2 |
| Phase Linearity | deg | | | - |
| Amplitude Matching | dB | | | - |
| Rejection | dB | 40@DC-6.5GHz | 40@9.5GHz | |
| Power | W | | | 5 |
| Operating Temp. | °C | 0 | | +50 |

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 ;

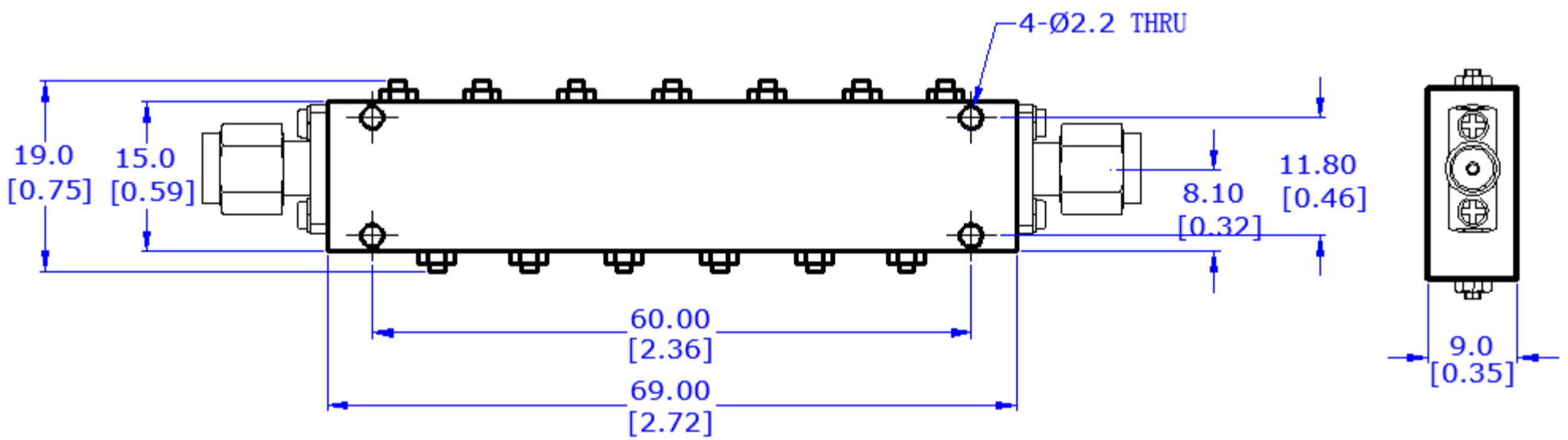
Mechanical Specifications

| | |
|-------------------|--------------------------|
| Dimension L*W*H | 69*15*9 mm |
| Input Connector | SMA-Male Stainless Steel |
| Output Connectors | SMA-Male Stainless Steel |
| Weight | 60 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]