

## Features

- Design : Suspended Stripline
- Stainless Steel Connectors
- Low Insertion Loss 2.0 dB
- High Rejection
- RoHS and REACH Compliant

## Electrical Specifications

| Description           | Units | Minimum  | Typical  | Maximum |
|-----------------------|-------|----------|----------|---------|
| Freq. Range           | GHz   | 27       | 33.5     | 40      |
| Bandwidth             | MHz   |          | 13000    |         |
| Insertion Loss        | dB    |          |          | 2.0     |
| Ripple                | dB    |          |          | 1.2     |
| Return Loss           | dB    | 9.5      |          |         |
| Group delay           | ns    |          |          | -       |
| Group Delay Variation | ns    |          |          | -       |
| Phase Linearity       | deg   |          |          | -       |
| Amplitude Matching    | dB    |          |          | -       |
| Rejection             | dB    | 50@25GHz | 50@45GHz |         |
| Power                 | W     |          |          | 1       |
| Operating Temp.       | °C    | -40      |          | +70     |

## 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 ;

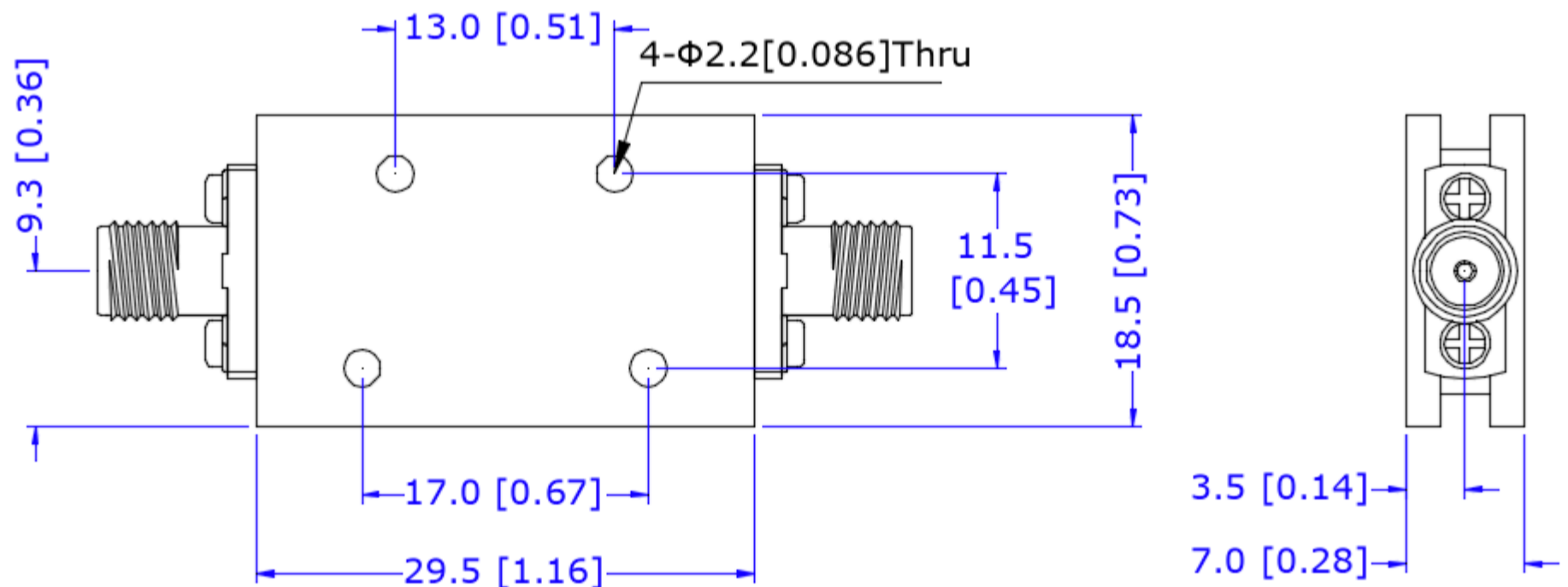
**Mechanical Specifications**

|                   |                               |
|-------------------|-------------------------------|
| Dimension L*W*H   | 29.5*18.5*7 mm                |
| Input Connector   | 2.92mm-Female Stainless Steel |
| Output Connectors | 2.92mm-Female Stainless Steel |
| Weight            | 30 g                          |
| Finishing         | Paint Black                   |
| Environment       | X                             |

**Compliance Certifications**

|                 |   |
|-----------------|---|
| RoHS Compliant  | ✓ |
| REACH Compliant | ✓ |

**CAD Drawing**



F00743

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

Insertion Loss , Return Loss , Rejection and etc.

