

## Features

- Design : Wilkinson
- Stainless Steel Connectors
- Low Insertion Loss 1.0dB
- RoHS and REACH Compliant
- High Isolation 20dB

## Electrical Specifications

| Description           | Units | Minimum | Typical | Maximum |
|-----------------------|-------|---------|---------|---------|
| Freq. Range           | GHz   | 0.15    |         | 0.48    |
| Nominal Splitter Loss | dB    |         | 6.0     |         |
| Insertion Loss        | dB    |         |         | 1.0     |
| Input VSWR            |       |         |         | 1.3     |
| Output VSWR           |       |         |         | 1.2     |
| Amplitude Balance     | dB    |         |         | 0.3     |
| Phase Balance         | deg   |         |         | 4       |
| Isolation             | dB    | 20      |         |         |
| Forward Power         | W     |         |         | 20      |
| Reverse Power         | W     |         |         | 1       |
| Peak Power            | KW    |         |         | 0.5     |
| Impedance             | Ohms  |         | 50      |         |
| Operating Temp.       | °C    | -45     |         | +85     |

## Special Requirements

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- All output ports /power combiner in-amplitude (0dB difference) ;
- All output ports /power combiner in-phase (0° difference) ;

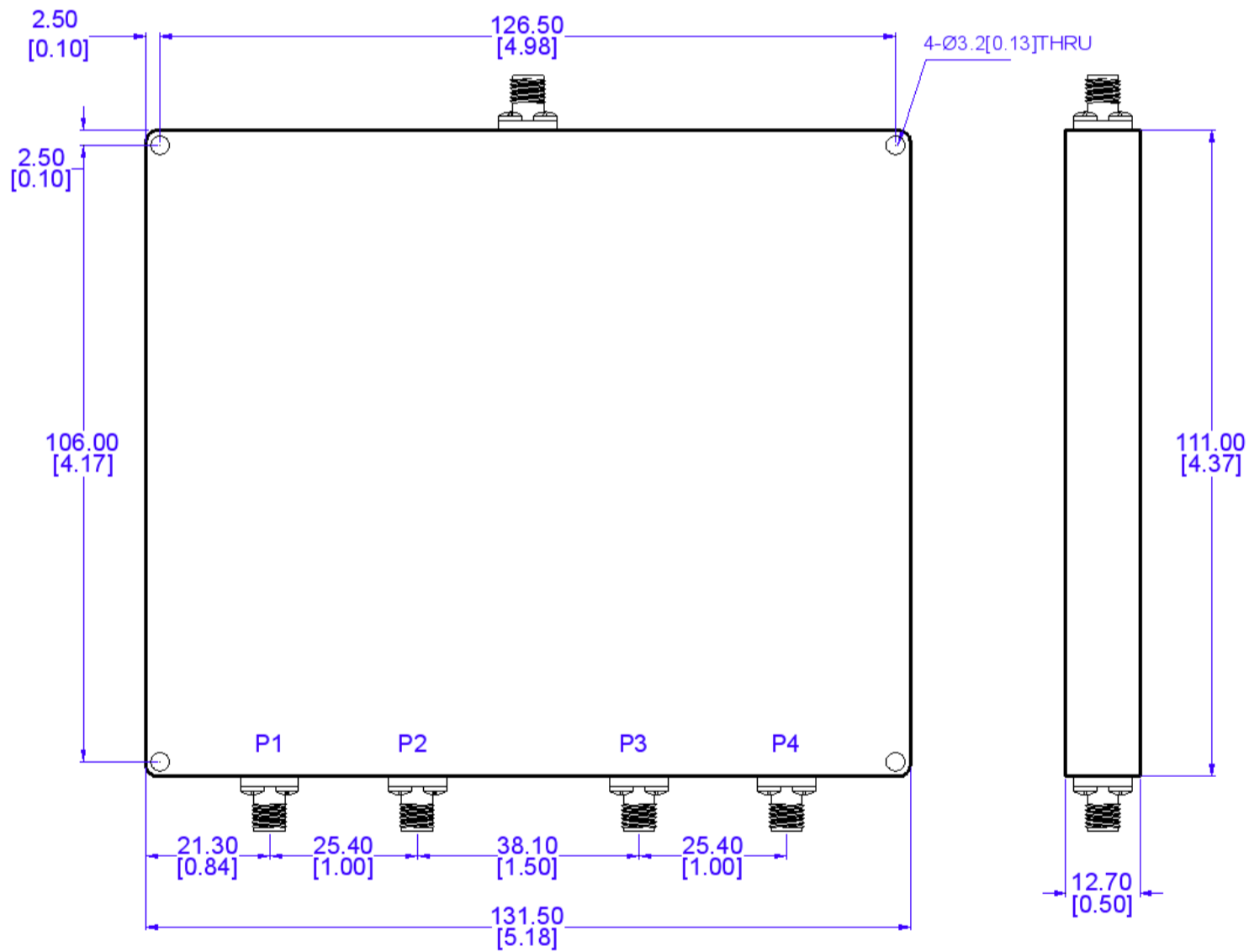
**Mechanical Specifications**

|                   |                            |
|-------------------|----------------------------|
| Dimension L*W*H   | 131.5*111*12.7 mm          |
| Input Connector   | SMA-Female Stainless Steel |
| Output Connectors | SMA-Female Stainless Steel |
| Weight            | TBD g                      |
| Finishing         | Paint Black                |
| Environment       | Nominal                    |

**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]