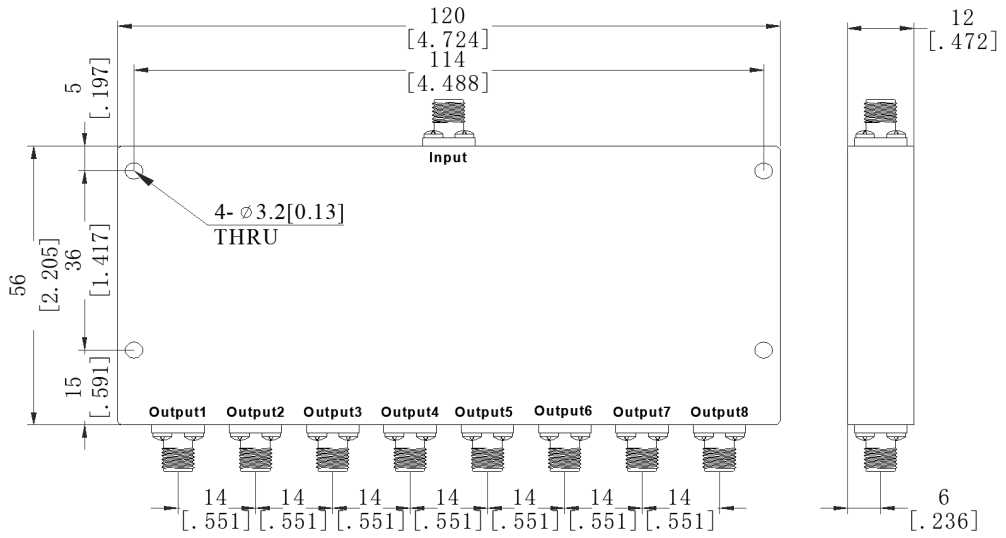
# SMA 8 Way Microstrip Power Divider, RPD0005F1S8
# 5-1000MHz, 1W , E-Grade

## Dimensions(mm) Tolerance±1%




## Electrical & Environmental

| | | | |
|---|---|---|---|
| **Frequency Range** | 5-1000MHz | **Impedance** | 50 Ohm |
| **Input Port VSWR** | 1.3 max | | |
| **Output Port VSWR** | 1.3 max | | |
| **Insertion Loss** | 3dB max （Excluding theoretical loss未含理论损耗9.0dB） | | |
| **Isolation** | 18dB min （Typ.26dB） | | |
| **Amplitude Balance** | ± 0.5dB | | |
| **Phase Balance** | ±5° | | |
| **Input Avg Power** | 1 Watts max @25℃<br>（Combiner合路器用时0.5W） | | |
| **Operating Temp** | -35℃ ~ +75℃ | | |

## Mechanical & Product Information

| | | | |
|---|---|---|---|
| **Product Number** | RPD0005F1S8, E-Grade | **Way** | 8 |
| **Connector** | SMA Female | **Connector Body** | Ternary alloy plated brass |
| **Center Contact** | Gold plated beryllium copper | | |
| **Housing** | Sandblasting natural color conductive oxide | | |
| **Dimensions** | 56×120×12mm | **Net Weight** | About 260.0g |