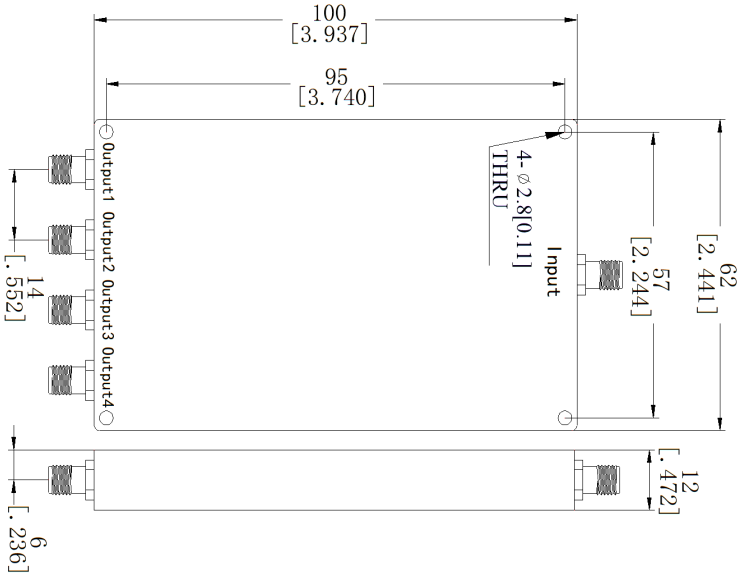
# SMA 4 Way Microstrip Power Divider, RPD038F6S4
# 380MHz-6GHz, 30W , E-Grade

## Dimensions(mm) Tolerance±1%




## Electrical & Environmental

| | | | |
|---|---|---|---|
| **Frequency Range** | 380MHz-6GHz | **Impedance** | 50 Ohm |
| **Input Port VSWR** | 1.25 max （Typ.1.16） | | |
| **Output Port VSWR** | 1.2 max （Typ.1.12） | | |
| **Insertion Loss** | 1.8dB max （Excluding theoretical loss未含理论损耗6.0dB） | | |
| **Isolation** | 18dB min （Typ.26dB） | | |
| **Amplitude Balance** | ± 0.2dB | | |
| **Phase Balance** | ±4° | | |
| **Input Avg Power** | 30 Watts max @25℃ (Derate linearly to 3 Watt at 100°C)<br>（Combiner合路器用时2W） | | |
| **Operating Temp** | -35℃ ~ +75℃ | | |

## Mechanical & Product Information

| | | | |
|---|---|---|---|
| **Product Number** | RPD038F6S4, E-Grade | **Way** | 4 |
| **Connector** | SMA Female | **Connector Body** | Passivated stainless steel |
| **Center Contact** | Gold plated beryllium copper | | |
| **Housing** | Black paint | | |
| **Dimensions** | 100×62×12mm | **Net Weight** | About 185.0g |