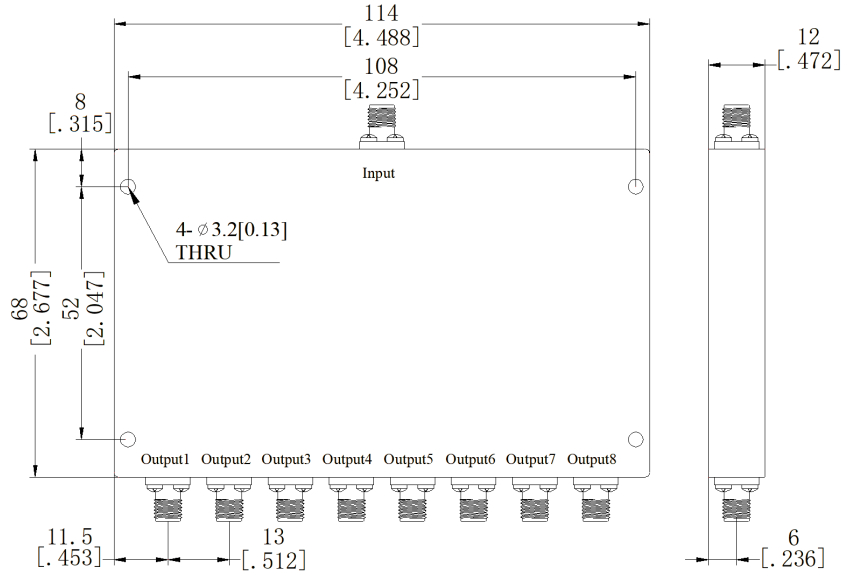


## SMA 8 Way Microstrip Power Divider, RPD1F2S8 1-2GHz, 30W , E-Grade

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                          |  |                  |        |
|--------------------------|--|------------------|--------|
| <b>Frequency Range</b>   | 1-2GHz   | <b>Impedance</b> | 50 Ohm |
| <b>Input Port VSWR</b>   | 1.25 max (Typ.1.16)  |                  |        |
| <b>Output Port VSWR</b>  | 1.2 max (Typ.1.12)   |                  |        |
| <b>Insertion Loss</b>    | 0.8dB max (Excluding theoretical loss未含理论损耗9dB)                              |                  |        |
| <b>Isolation</b>         | 20dB min (Typ.25dB)  |                  |        |
| <b>Amplitude Balance</b> | $\pm 0.3$ dB   |                  |        |
| <b>Phase Balance</b>     | $\pm 4^\circ$  |                  |        |
| <b>Input Avg Power</b>   | 30 Watts max @25°C (Derate linearly to 3 Watt at 100°C)<br>(Combiner合路器用时2W) |                  |        |
| <b>Operating Temp</b>    | -35°C ~ +75°C  |                  |        |

### Mechanical & Product Information

|                       |   |                       |                            |
|-----------------------|---|-----------------------|----------------------------|
| <b>Product Number</b> | RPD1F2S8, E-Grade                           | <b>Way</b>            | 8                          |
| <b>Connector</b>      | SMA Female                                  | <b>Connector Body</b> | Ternary alloy plated brass |
| <b>Center Contact</b> | Gold plated beryllium copper                |                       |                            |
| <b>Housing</b>        | Sandblasting natural color conductive oxide |                       |                            |
| <b>Dimensions</b>     | 68×114×12mm                                 | <b>Net Weight</b>     | About 280.0g               |