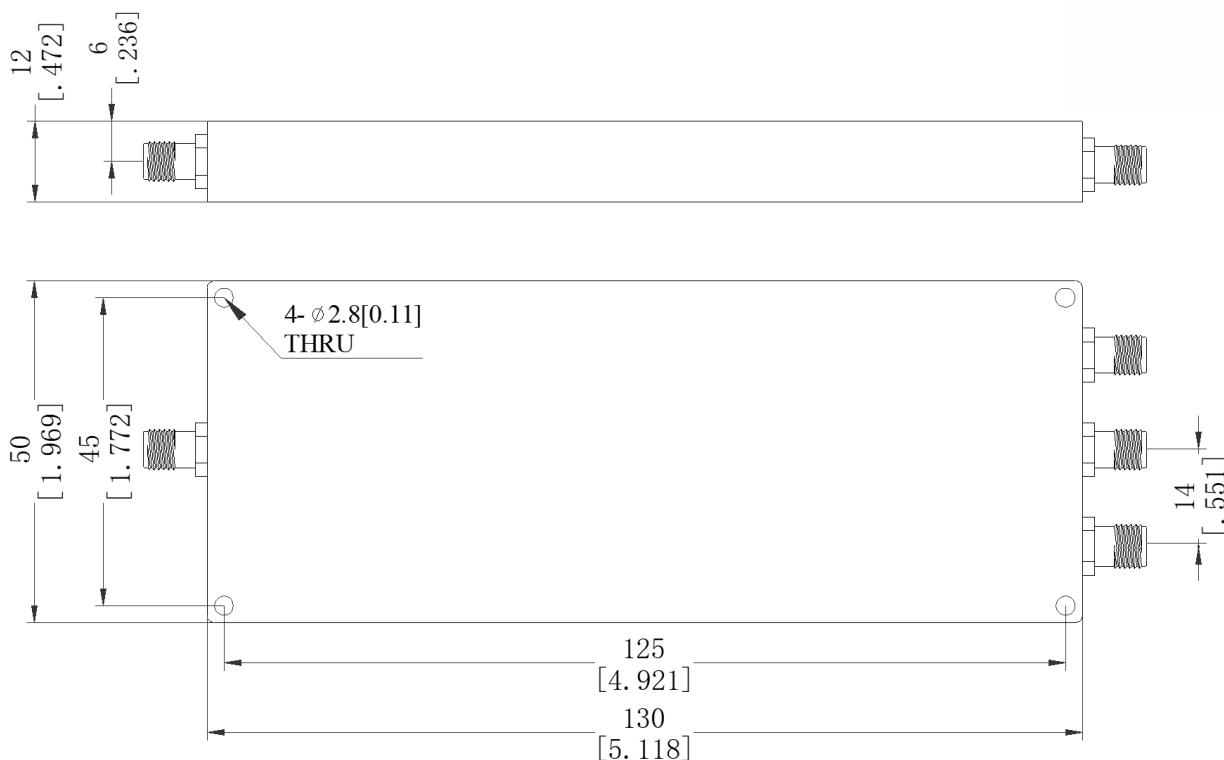




## SMA 3 Way Microstrip Power Divider, RPD04F6S3

### 0.4-6GHz, 20W, E-Grade

#### Dimensions(mm) Tolerance $\pm 1\%$



#### Electrical & Environmental

|                   |                                                         |                  |                    |
|-------------------|---------------------------------------------------------|------------------|--------------------|
| Frequency Range   | 0.4-6GHz                                                | Impedance        | 50 Ohm             |
| Input Port VSWR   | 1.4 max (Typ.1.22)                                      | Output Port VSWR | 1.4 max (Typ.1.18) |
| Insertion Loss    | 2.8dB max (Excluding theoretical loss未含理论损耗4.8dB)       |                  |                    |
| Isolation         | 18dB min (Typ.28dB)                                     |                  |                    |
| Amplitude Balance | $\leq 0.8$ dB                                           | Phase Balance    | $\pm 8^\circ$      |
| Input Avg Power   | 20 Watts max @25°C (Derate linearly to 2 Watt at 100°C) |                  |                    |
| Operating Temp    | -35°C ~ +75°C                                           |                  |                    |

#### Mechanical & Product Information

|                |                                             |                |                            |
|----------------|---------------------------------------------|----------------|----------------------------|
| Product Number | RPD04F6S3, E-Grade                          | Way            | 3                          |
| Connector      | SMA Female                                  | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper                |                |                            |
| Housing        | Sandblasting natural color conductive oxide |                |                            |
| Dimensions     | 130×50×12mm                                 | Net Weight     | About 185.0g               |



## SMA 3 Way Microstrip Power Divider, RPD04F6S3

### 0.4-6GHz, 20W, E-Grade

#### Typical Test Data

