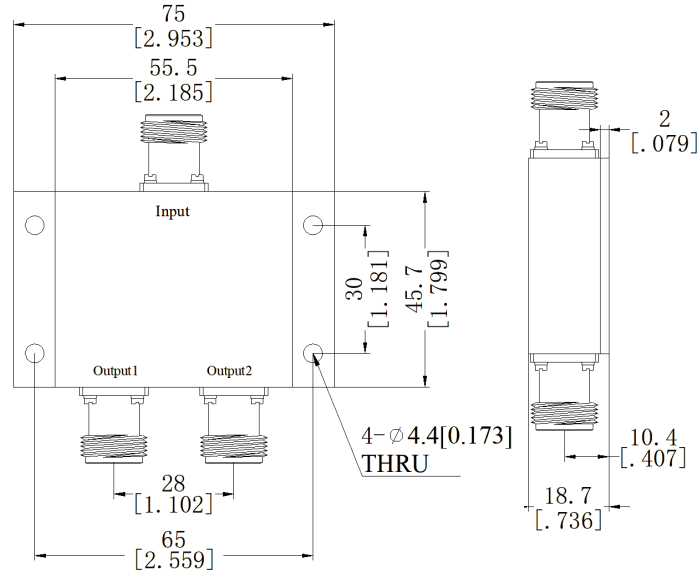


## N 2 Way Microstrip Power Divider, RPD08F205N2 800-2500MHz, 50W , E-Grade

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                          |  |                  |        |
|--------------------------|--|------------------|--------|
| <b>Frequency Range</b>   | 800-2500MHz  | <b>Impedance</b> | 50 Ohm |
| <b>Input Port VSWR</b>   | 1.2 max (Typ.1.16)   |                  |        |
| <b>Output Port VSWR</b>  | 1.2 max (Typ.1.12)   |                  |        |
| <b>Insertion Loss</b>    | 0.4dB max (Excluding theoretical loss未含理论损耗3.0dB)                            |                  |        |
| <b>Isolation</b>         | 25dB min (Typ.28dB)  |                  |        |
| <b>Amplitude Balance</b> | ± 0.2dB  |                  |        |
| <b>Phase Balance</b>     | ±3°  |                  |        |
| <b>Input Avg Power</b>   | 50 Watts max @25°C (Derate linearly to 5 Watt at 100°C)<br>(Combiner合路器用时3W) |                  |        |
| <b>Operating Temp</b>    | -35°C ~ +75°C  |                  |        |

### Mechanical & Product Information

|                       |                              |                       |                            |
|-----------------------|------------------------------|-----------------------|----------------------------|
| <b>Product Number</b> | RPD08F205N2, E-Grade         | <b>Way</b>            | 2                          |
| <b>Connector</b>      | N Female                     | <b>Connector Body</b> | Ternary alloy plated brass |
| <b>Center Contact</b> | Gold plated beryllium copper |                       |                            |
| <b>Housing</b>        | Black paint                  |                       |                            |
| <b>Dimensions</b>     | 75×45.7×18.7mm               | <b>Net Weight</b>     | About 140.0g               |