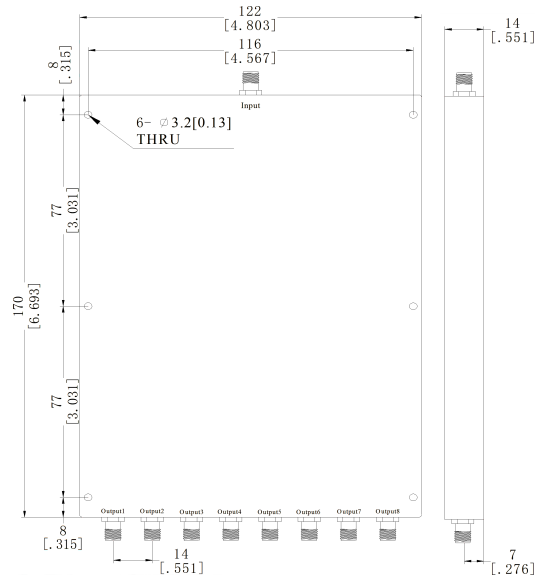


## SMA 8 Way Microstrip Power Divider, RPD069F207S8W50 690-2700MHz, 50W , E-Grade

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                          |  |                  |        |
|--------------------------|--|------------------|--------|
| <b>Frequency Range</b>   | 690-2700MHz  | <b>Impedance</b> | 50 Ohm |
| <b>Input Port VSWR</b>   | 1.35 max (Typ.1.15)  |                  |        |
| <b>Output Port VSWR</b>  | 1.25 max (Typ.1.11)  |                  |        |
| <b>Insertion Loss</b>    | 1.5dB max (Excluding theoretical loss未含理论损耗9.0dB)                            |                  |        |
| <b>Isolation</b>         | 18dB min (Typ.26dB)  |                  |        |
| <b>Amplitude Balance</b> | ± 0.3dB  |                  |        |
| <b>Phase Balance</b>     | ±4°  |                  |        |
| <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> | RPD069F207S8W50, 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>     | 170×122×14mm                                | <b>Net Weight</b>     | -                          |