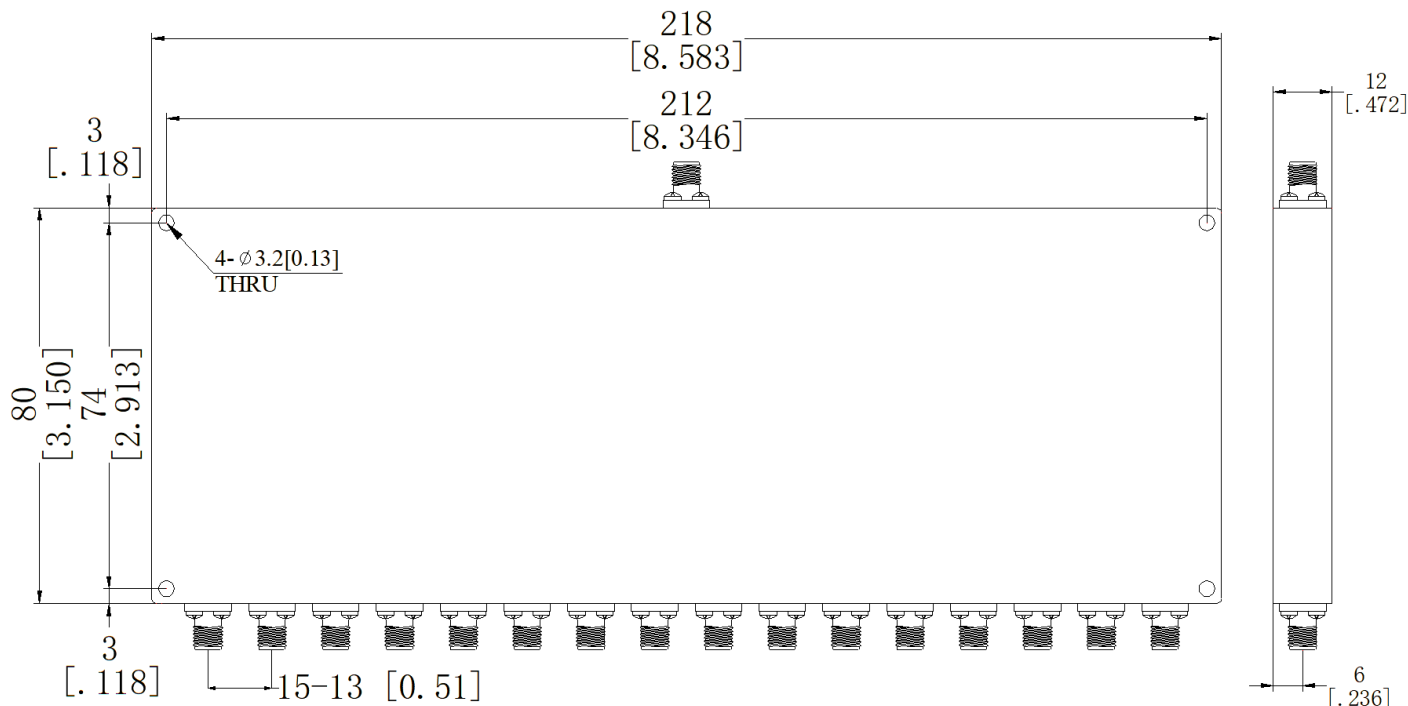


## SMA 16 Way Coaxial Microstrip Power Divider, RPD2F6S16E

### 2-6GHz, 20W, E-Grade

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



#### Electrical & Environmental

|                   |                                                         |                  |                     |
|-------------------|---------------------------------------------------------|------------------|---------------------|
| Frequency Range   | 2-6GHz                                                  | Impedance        | 50 Ohm              |
| Input Port VSWR   | 1.35 Max (Typ.1.18)                                     | Output Port VSWR | 1.25 Max (Typ.1.12) |
| Insertion Loss    | 1.50dB Max (Does not contain theory loss 12.04dB)       |                  |                     |
| Isolation         | 18dB min (Typ.24dB)                                     |                  |                     |
| Amplitude Balance | $\pm 0.3$ dB                                            | Phase Balance    | $\pm 4^\circ$       |
| Input Avg Power   | 20 Watts Max @25°C (Derate linearly to 2 Watt at 100°C) |                  |                     |
| Operating Temp    | -45°C ~ +85°C                                           |                  |                     |

#### Mechanical & Product Information

|                |                              |                |                            |
|----------------|------------------------------|----------------|----------------------------|
| Product Number | RPD2F6S16E, E-Grade          | Way            | 16                         |
| Connector      | SMA Female                   | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper |                |                            |
| Housing        | Black paint                  |                |                            |
| Dimensions     | 80×218×12mm                  | Net Weight     | About 545.0g               |