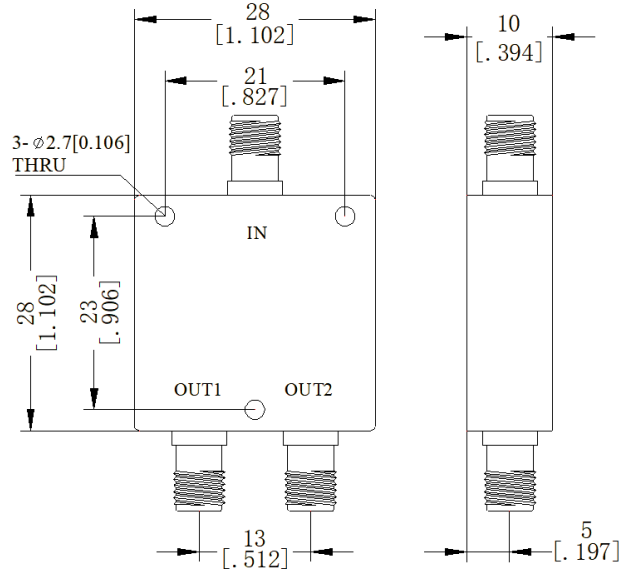


SMA 2 Way Microstrip Power Divider, RPD1F3S2 1-3GHz, 30W , P-Grade

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



Electrical & Environmental

| | | | |
|--------------------------|--|------------------|--------|
| Frequency Range | 1-3GHz | Impedance | 50 Ohm |
| Input Port VSWR | 1.25 max (Typ.1.16) | | |
| Output Port VSWR | 1.2 max (Typ.1.14) | | |
| Insertion Loss | 0.5dB max (Excluding theoretical loss未含理论损耗3.0dB) | | |
| Isolation | 20dB min (Typ.25dB) | | |
| Amplitude Balance | ± 0.2 dB | | |
| Phase Balance | $\pm 3^\circ$ | | |
| Input Avg Power | 30 Watts max @25°C (Derate linearly to 3 Watt at 100°C) (Combiner合路器用时2W) | | |
| Operating Temp | -45°C ~ +85°C | | |

Mechanical & Product Information

| | | | |
|-----------------------|------------------------------|-----------------------|----------------------------|
| Product Number | RPD1F3S2, P-Grade | Way | 2 |
| Connector | SMA Female | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper | | |
| Housing | Black paint | | |
| Dimensions | 28×28×10mm | Net Weight | About 21.0g |