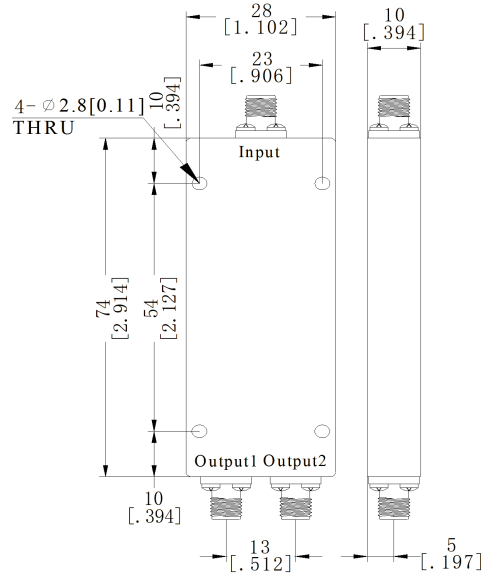


SMA 2 Way Microstrip Power Divider, RPD05F1005S2 0.5-10.5GHz, 20W , P-Grade

Dimensions(mm) Tolerance±1%



Electrical & Environmental

| | | | |
|--------------------------|--|------------------|--------|
| Frequency Range | 0.5-10.5GHz | Impedance | 50 Ohm |
| Input Port VSWR | 1.25 max (600-10500M) ; 1.45max (500-600M) | | |
| Output Port VSWR | 1.25 max (Typ.1.15) | | |
| Insertion Loss | 1.4dB max (Excluding theoretical loss未含理论损耗3.0dB) | | |
| Isolation | 18dB min (Typ.26dB) | | |
| Amplitude Balance | ± 0.3dB | | |
| Phase Balance | ±3° | | |
| Input Avg Power | 20 Watts max @25°C (Derate linearly to 2 Watt at 100°C) (Combiner合路器用时1W) | | |
| Operating Temp | -45°C ~ +85°C | | |

Mechanical & Product Information

| | | | |
|-----------------------|------------------------------|-----------------------|----------------------------|
| Product Number | RPD05F1005S2, P-Grade | Way | 2 |
| Connector | SMA Female | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper | | |
| Housing | Blue paint | | |
| Dimensions | 74×28×10mm | Net Weight | About 56.0g |