

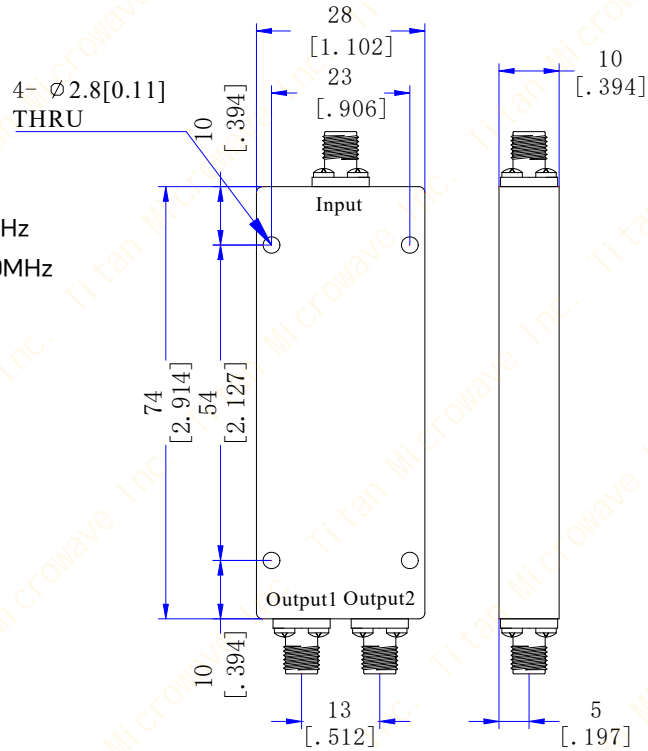
TMPD2-00501050-20S

**0.5 to 10.5 GHz, 20W, SMA-Female
 2-WAY POWER DIVIDER**

Electrical Characteristics

| | |
|------------------------------------|-------------------------|
| Frequency Range | 0.5~10.5GHz |
| Insertion Loss | 1.4dB max |
| (excluding theoretical loss 3.0dB) | |
| Amplitude Balance | ±0.3dB |
| Phase Balance | ±3° |
| VSWR(input port) | 1.45:1 max@500~600MHz |
| | 1.25:1 max@600~10500MHz |
| VSWR(output ports) | 1.15:1 typ, 1.25:1 max |
| Isolation | 18dB min, 26dB typ |
| Impedance | 50 Ohms |
| Power Rating | 20W(as a splitter) |
| | 1W(as a combiner) |

Outline Drawing(mm[inch])



Mechanical & Environmental Characteristics

| | |
|------------------------------------|--------------------|
| Dimensions | 28 × 74 × 10mm |
| RF Connectors | SMA-Female |
| Surface Finishing | Black/Blue Painted |
| Housing Material | Aluminum |
| Operating Temperature | -45°C~+85°C |
| Storage Temperature | -50°C~+85°C |
| Weight | 56g |