

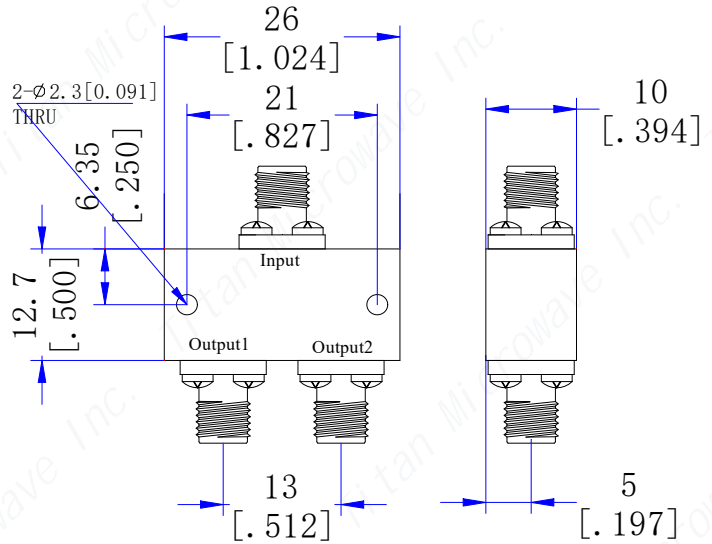
TMPD2-30004500-20V

**30 to 45 GHz, 20W, 1.85mm-Female
2-WAY POWER DIVIDER**

Electrical Characteristics

| | |
|---------------------------------|---|
| Frequency Range | 30~45GHz |
| Insertion Loss | 1.0dB max (excluding theoretical insertion loss 3.0dB) |
| Amplitude Balance | ±0.4dB max |
| Phase Balance | ±5° max |
| VSWR(input port) | 1.28 typ, 1.6:1 max |
| VSWR(output ports) | 1.26 typ, 1.3:1 max |
| Isolation | 14dB min, 22dB typ |
| Impedance | 50 Ohms |
| Power Handling | 20W(as a splitter) |
| Power Handling | 1W(as a combiner) |

Outline Drawing(mm[inch])



Mechanical & Environmental Characteristics

| | |
|------------------------------------|-----------------------|
| Dimensions | 26 × 12.7 × 10mm |
| RF Connectors | 1.85mm-Female |
| Surface Finishing | Black/Blue/Gray Paint |
| Operating Temperature | -40°C~+85°C |
| Storage Temperature | -50°C~+105°C |
| Weight | 20g |