

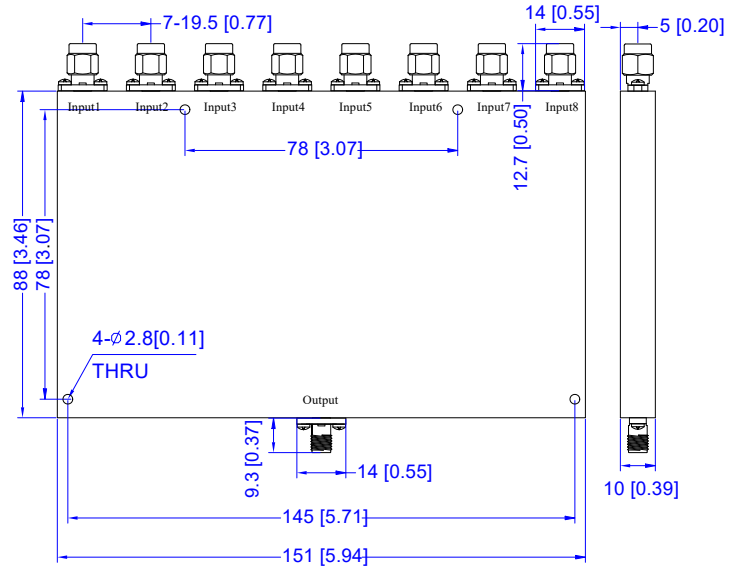
**TMPC8-02001800-1S**

**2 to 18 GHz, 1W, SMA-Female  
8-WAY POWER COMBINER**

**Electrical Characteristics**

- Frequency Range** ..... 2~18GHz
- Insertion Loss** ..... 3.0dB max  
(excluding theoretical insertion loss 9.0dB)
- Amplitude Balance** .....  $\pm 0.8$ dB max
- Phase Balance** .....  $\pm 10^\circ$  max
- VSWR(input port)** ..... 1.5:1 max
- VSWR(output ports)** ..... 1.8:1 max
- Isolation** ..... 15dB min
- Impedance** ..... 50 Ohms
- Power Handling** ..... 1W

**Outline Drawing(mm[inch])**



**Mechanical & Environmental Characteristics**

- Dimensions** ..... 151 × 88 × 10mm
- RF Connectors** ..... SMA-Male & SMA-Female
- Material** ..... Aluminum
- Surface Finishing** ..... Black/Blue/Gray Paint
- Operating Temperature** ..... -40°C~+85°C
- Storage Temperature** ..... -50°C~+105°C