

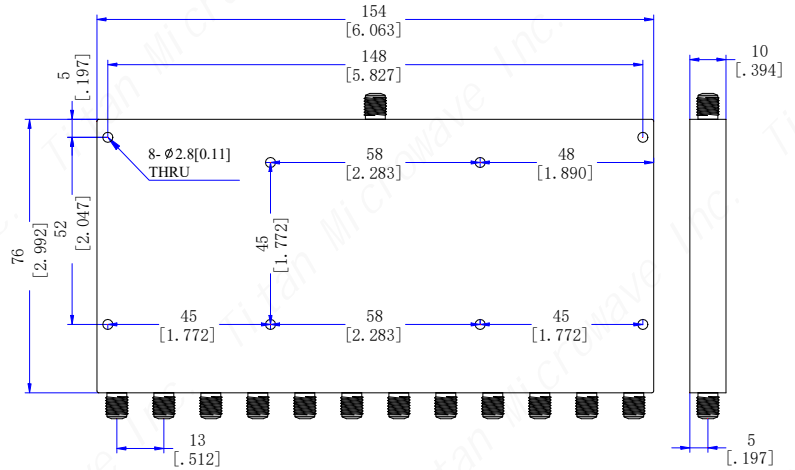
**TMPD12-08001200-10S**

**8 to 12 GHz, 10W, SMA-Female  
 12-WAY POWER DIVIDER**

**Electrical Characteristics**

**Outline Drawing(mm)**

- Frequency Range** ..... 8~12GHz
- Insertion Loss** ..... 1.5dB max  
 (excluding theoretical insertion loss 10.8dB)
- Amplitude Balance** .....  $\pm 0.6$ dB
- Phase Balance** .....  $\pm 8^\circ$
- VSWR(input port)** ..... 1.4 typ, 1.7 max
- VSWR(output ports)** ..... 1.2 typ, 1.5 max
- Isolation** ..... 16dB min, 20dB typ
- Impedance** ..... 50 Ohms
- Power Handling** ..... 10W(as a splitter)
- Power Handling** ..... 1W(as a combiner)



**Mechanical & Environmental Characteristics**

- Dimensions** ..... 154 × 76 × 10mm
- RF Connectors** ..... SMA-Female
- Operating Temperature** ..... -45°C~+85°C
- Surface Finishing** ..... Black/Gray/Blue Painted
- Weight** ..... 320g