

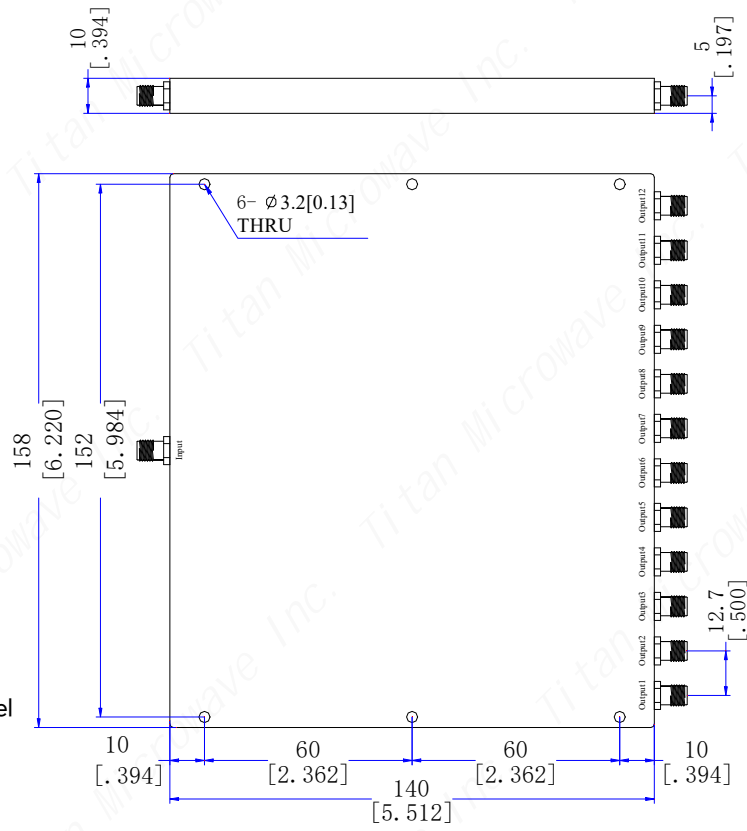
TMPD12-00500600-20SA

**0.5 to 6 GHz, 20W, SMA-Female
 12-WAY POWER DIVIDER**

Electrical Characteristics

Outline Drawing(mm)

- Frequency Range** 0.5~6GHz
- Insertion Loss** 4.0dB max
 (excluding theoretical insertion loss 10.8dB)
- Amplitude Balance** ± 1.0 dB
- Phase Balance** $\pm 12^\circ$
- VSWR(input port)** 1.22:1 typ, 1.40:1 max
- VSWR(output ports)** 1.20:1 typ, 1.30:1 max
- Isolation** 18dB min
- Impedance** 50 Ohms
- Power Handling** 20W(as a splitter)
- Power Handling** 1W(as a combiner)
- DC Current** 1.2A (100mA each port)



Mechanical & Environmental Characteristics

- Dimensions** 140 × 158 × 10mm
- RF Connectors** SMA-Female
- Connectors Material** Passivated Stainless Steel
- Operating Temperature** -35°C~+75°C
- Surface Finishing** Black Painted
- Weight** 570g