

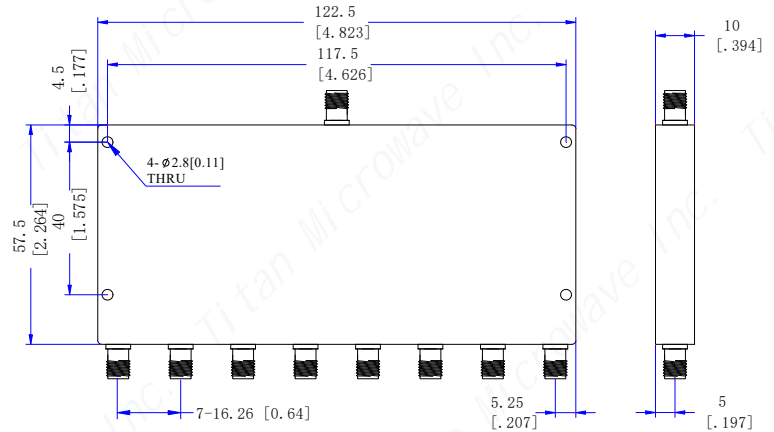
**TMPD8-09801020-20S**

**9.8 to 10.2 GHz, 20W, SMA-Female  
8-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b> .....	9.8~10.2GHz
<b>Insertion Loss</b> .....	1.0dB max. (excluding theoretical loss 9.0dB)
<b>Amplitude Balance</b> .....	±0.4dB
<b>Phase Balance</b> .....	±4°
<b>VSWR(input port)</b> .....	1.18 typ, 1.30:1 max
<b>VSWR(output ports)</b> .....	1.16 typ, 1.25:1 max
<b>Isolation</b> .....	20dB min, 24dB typ
<b>Impedance</b> .....	50 Ohms
<b>Power Rating</b> .....	20W(as a splitter)
<b>Power Rating</b> .....	1W(as a combiner)

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



**Mechanical & Environmental Characteristics**

<b>Dimensions</b> .....	122.5 × 57.5 × 10mm
<b>RF Connectors</b> .....	SMA-Female
<b>Surface Finishing</b> .....	Black/Blue/Gray Paint
<b>Operating Temperature</b> .....	-45°C~+85°C
<b>Storage Temperature</b> .....	-50°C~+105°C
<b>Weight</b> .....	190g