

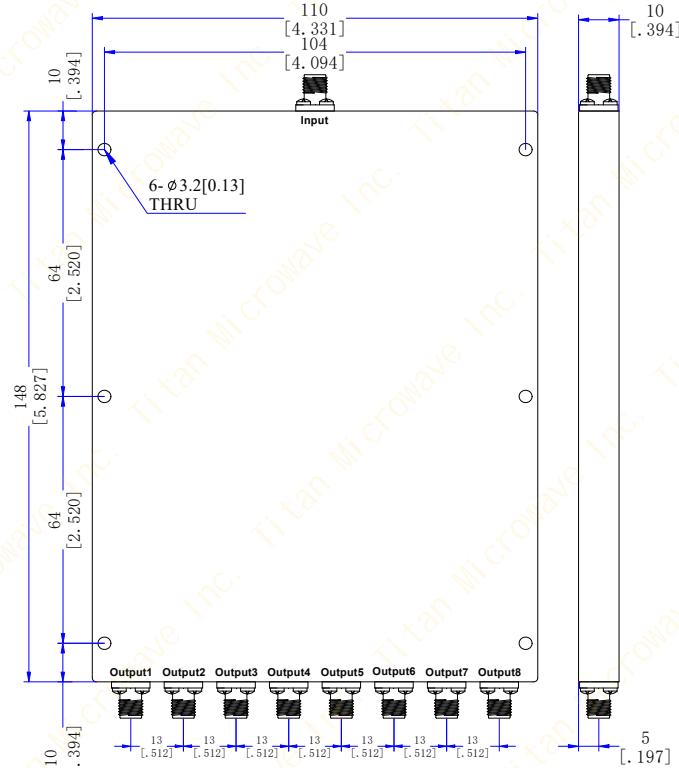
**TMPD8-00500900-20S**

**0.5 to 9 GHz, 20W, SMA-Female  
8-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b>	0.5~9GHz
<b>Insertion Loss</b>	4.0dB max (excluding theoretical loss 9.0dB)
<b>Amplitude Balance</b>	± 0.3dB
<b>Phase Balance</b>	± 5°
<b>VSWR(input port)</b>	1.55:1 max@500~700MHz 1.40:1 max@700~9000MHz
<b>VSWR(output ports)</b>	1.15:1 typ, 1.25:1 max
<b>Isolation</b>	18dB min, 26dB typ
<b>Impedance</b>	50 Ohms
<b>Power Handling</b>	20W(as a splitter) 1W(as a combiner)

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



**Mechanical & Environmental Characteristics**

<b>Dimensions</b>	110 × 148 × 10mm
<b>RF Connectors</b>	SMA-Female
<b>Connectors Material</b>	Stainless Steel
<b>Surface Finishing</b>	Black/Blue/Gray Paint
<b>Operating Temperature</b>	-45°C~+85°C
<b>Storage Temperature</b>	-50°C~+100°C