

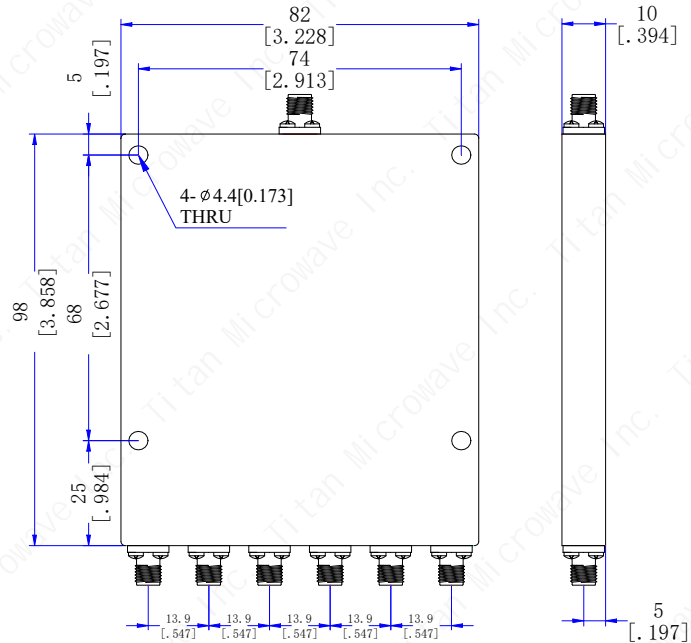
**TMPD6-01001800-10S**

**1 to 18 GHz, 10W, SMA-Female  
 6-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b> .....	1~18GHz
<b>Insertion Loss</b> .....	2.2dB max (excluding theoretical loss 7.8dB)
<b>Amplitude Balance</b> .....	±0.6dB max
<b>Phase Balance</b> .....	±8° max
<b>VSWR(input port)</b> .....	1.8:1 max
<b>VSWR(output ports)</b> .....	1.5:1 max
<b>Isolation</b> .....	15dB min@1.0~1.5GHz 18dB min@1.5~18GHz
<b>Impedance</b> .....	50 Ohms
<b>Power Rating</b> .....	10W(as a splitter) 1W(as a combiner)

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



**Mechanical & Environmental Characteristics**

<b>Dimensions</b> .....	98 × 82 × 10mm
<b>RF Connectors</b> .....	SMA-Female
<b>Surface Finishing</b> .....	Gray/Black Painted
<b>Operating Temperature</b> .....	-45°C~+85°C
<b>Storage Temperature</b> .....	-50°C~+105°C
<b>Weight</b> .....	260g