

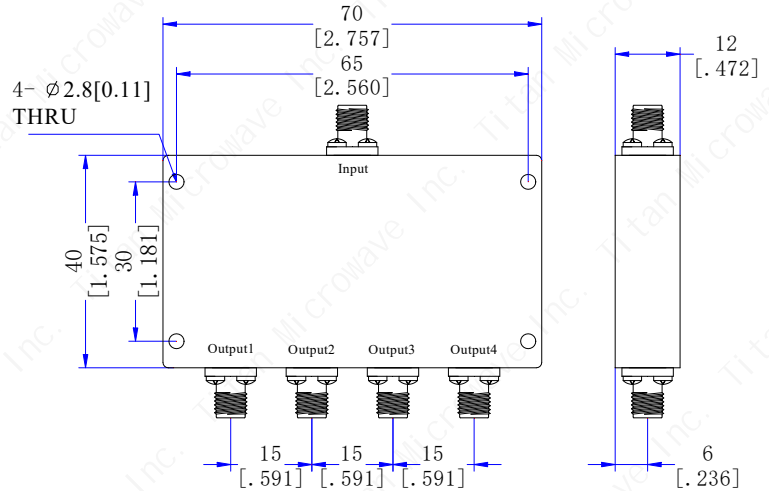
**TMPD4-1M0050-1S**

**1 to 500 MHz, 1W, SMA-Female  
4-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b> .....	1~500MHz
<b>Insertion Loss</b> .....	1.3dB max (excluding theoretical loss 6.0dB)
<b>Amplitude Balance</b> .....	±0.4dB max
<b>Phase Balance</b> .....	±4° max
<b>VSWR(input port)</b> .....	1.18 typ, 1.45:1 max
<b>VSWR(output ports)</b> .....	1.15 typ, 1.45:1 max
<b>Isolation</b> .....	18dB min, 26dB typ
<b>Impedance</b> .....	50 Ohms
<b>Power Rating</b> .....	1W(as a splitter) ..... 0.5W(as a combiner)

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



**Mechanical & Environmental Characteristics**

<b>Dimensions</b> .....	70 × 40 × 12mm
<b>RF Connectors</b> .....	SMA-Female
<b>Surface Finishing</b> .....	Conductive Oxidation
<b>Operating Temperature</b> .....	-35°C~+75°C
<b>Weight</b> .....	90g