

**TMPD2-5M0100-1N**

**5 to 1000 MHz, 1W, N-Female  
2-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b> .....	5~1000MHz
<b>Insertion Loss</b> .....	1.2dB max (excluding theoretical loss 3.0dB)
<b>Amplitude Balance</b> .....	±0.3dB
<b>Phase Balance</b> .....	±3°
<b>VSWR(input port)</b> .....	1.15:1 typ, 1.3:1 max
<b>VSWR(output ports)</b> .....	1.12:1 typ, 1.3:1 max
<b>Isolation</b> .....	18dB min, 26dB typ
<b>Impedance</b> .....	50 Ohms
<b>Power Handling</b> .....	1W(as a splitter) 0.5W(as a combiner)

**Mechanical & Environmental Characteristics**

<b>Dimensions</b> .....	56 × 34 × 20mm
<b>RF Connectors</b> .....	N-Female
<b>Material</b> .....	Aluminum
<b>Surface Finishing</b> .....	Conductive Oxidation
<b>Operating Temperature</b> .....	-35°C~+75°C
<b>Storage Temperature</b> .....	-40°C~+85°C
<b>Weight</b> .....	145g

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

