

**TMPD2-00502800-20K**

**0.5 to 28 GHz, 20W, 2.92mm-Female  
 2-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b> .....	0.5~28GHz
<b>Insertion Loss</b> .....	2.8dB max (excluding theoretical loss 3.0dB)
<b>Amplitude Balance</b> .....	±0.4dB
<b>Phase Balance</b> .....	±4°
<b>VSWR(input port)</b> .....	1.28:1 typ, 1.5:1 max
<b>VSWR(output ports)</b> .....	1.28:1 typ, 1.5:1 max
<b>Isolation</b> .....	16dB min, 26dB typ
<b>Impedance</b> .....	50 Ohms
<b>Power Handling</b> .....	20W(as a splitter) ..... 1W(as a combiner, 0.5W input each port)

**Mechanical & Environmental Characteristics**

<b>Dimensions</b> .....	25 × 149 × 10mm
<b>RF Connectors</b> .....	2.92mm-Female
<b>Connectors Material</b> .....	Stainless Steel
<b>Surface Finishing</b> .....	Black/Blue/Gray Paint
<b>Operating Temperature</b> .....	-40°C~+85°C
<b>Storage Temperature</b> .....	-50°C~+105°C

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

