

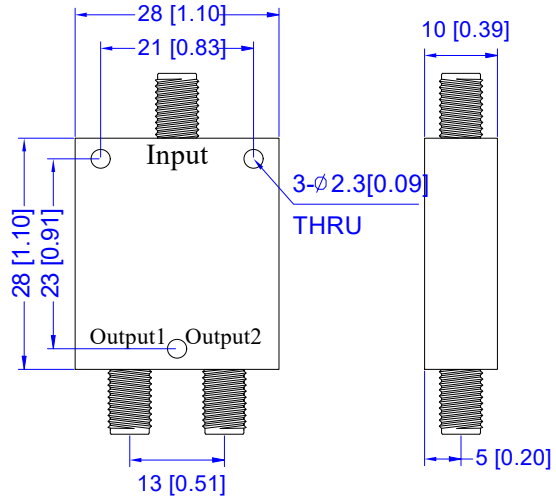
**TMPD2-07000900-20S**

**7 to 9 GHz, 20W, SMA-Female  
2-WAY POWER DIVIDER**

**Electrical Characteristics**

|                                    |   |
|------------------------------------|---|
| <b>Frequency Range</b> .....       | 7~9GHz  |
| <b>Insertion Loss</b> .....        | 0.5dB max<br>(excluding theoretical insertion loss 3.0dB) |
| <b>Amplitude Balance</b> .....     | ±0.2dB max  |
| <b>Phase Balance</b> .....         | ±2° max   |
| <b>VSWR(input port)</b> .....      | 1.3:1 max   |
| <b>VSWR(output ports)</b> .....    | 1.2:1 max   |
| <b>Isolation</b> .....             | 20dB min  |
| <b>Impedance</b> .....             | 50 Ohms   |
| <b>Power Rating(Forward)</b> ..... | 20W   |
| <b>Power Rating(Reverse)</b> ..... | 1W  |

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



**Mechanical & Environmental Characteristics**

|                                    |                       |
|------------------------------------|-----------------------|
| <b>Dimensions</b> .....            | 28 × 28 × 10mm        |
| <b>RF Connectors</b> .....         | SMA-Female            |
| <b>Material</b> .....              | Aluminum              |
| <b>Surface Finishing</b> .....     | Black/Blue/Gray Paint |
| <b>Operating Temperature</b> ..... | -40°C~+85°C           |
| <b>Storage Temperature</b> .....   | -50°C~+105°C          |