

**TMPD2-06001000-10S**

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

**Electrical Characteristics**

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Frequency Range .....   | 6~10GHz                                       |
| Insertion Loss .....    | 0.5dB max<br>(excluding theoretical loss 3dB) |
| Amplitude Balance ..... | ±0.2dB                                        |
| Phase Balance .....     | ±3°                                           |
| VSWR(input port) .....  | 1.3:1 max                                     |
| VSWR(output port) ..... | 1.2:1 max                                     |
| Isolation .....         | 18dB min                                      |
| Impedance .....         | 50 Ohms                                       |
| Power Handling .....    | 10W(as a divider)<br>1W(as a combiner)        |

**Mechanical & Environmental Characteristics**

|                             |                |
|-----------------------------|----------------|
| Dimensions .....            | 28 × 28 × 10mm |
| RF Connectors .....         | SMA-Female     |
| Surface Finishing .....     | Gray Painted   |
| Operating Temperature ..... | -45°C~+85°C    |
| Weight .....                | 22g            |

**Outline Drawing(mm)**

