

## TMPD6-01000600-20S

**1 to 6 GHz, 20W, SMA Female  
6-WAY POWER DIVIDER**

### Electrical Characteristics

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| <b>FREQUENCY RANGE</b>             | 1000~6000MHz                                               |
| <b>INSERTION LOSS</b>              | 1.8dB max.<br>(excluding theoretical insertion loss 7.8dB) |
| <b>AMPLITUDE BALANCE</b>           | ±0.8dB                                                     |
| <b>PHASE BALANCE</b>               | ±8 Deg.                                                    |
| <b>VSWR(input port)</b>            | 1.18 typ. & 1.4 max.                                       |
| <b>VSWR(output ports)</b>          | 1.12 typ. & 1.3 max.                                       |
| <b>ISOLATION</b>                   | 26dB typ. & 18dB min.                                      |
| <b>IMPEDANCE</b>                   | 50 Ohms                                                    |
| <b>POWER RATING(as a divider)</b>  | 20W                                                        |
| <b>POWER RATING(as a combiner)</b> | 1W                                                         |

### Mechanical and Enviromental Characteristics

|                              |             |
|------------------------------|-------------|
| <b>Dimensions</b>            | 130×80×10mm |
| <b>RF Connectors</b>         | SMA female  |
| <b>Surface Finishing</b>     | Black Paint |
| <b>Operating Temperature</b> | -45℃ ~ +85℃ |
| <b>Weight</b>                | 320g        |

### Outline Drawing(mm[inch])

