

## TMPD2-00700600-30S

0.7 to 6 GHz, 30W, SMA Female  
2-WAY POWER DIVIDER

### Electrical Characteristics

|  |       |                       |
|--|-------|-----------------------|
| <b>FREQUENCY RANGE</b>                       | ..... | 700~6000MHz           |
| <b>INSERTION LOSS</b>                        | ..... | 1.0dB max.            |
| (excluding theoretical insertion loss 3.0dB) |       |                       |
| <b>AMPLITUDE BALANCE</b>                     | ..... | ±0.2dB                |
| <b>PHASE BALANCE</b>                         | ..... | ±2 Deg.               |
| <b>VSWR(input port)</b>                      | ..... | 1.16 typ. & 1.2 max.  |
| <b>VSWR(output ports)</b>                    | ..... | 1.12 typ. & 1.2 max.  |
| <b>ISOLATION</b>                             | ..... | 26dB typ. & 20dB min. |
| <b>IMPEDANCE</b>                             | ..... | 50 Ohms               |
| <b>POWER RATING(as a divider)</b>            | ..... | 30W                   |
| <b>POWER RATING(as a combiner)</b>           | ..... | 2W                    |

### Mechanical and Enviromental Characteristics

|                              |       |               |
|------------------------------|-------|---------------|
| <b>Dimensions</b>            | ..... | 45×36×12mm    |
| <b>RF Connectors</b>         | ..... | SMA female    |
| <b>Surface Finishing</b>     | ..... | Black Paint   |
| <b>Operating Temperature</b> | ..... | -35°C ~ +75°C |
| <b>Weight</b>                | ..... | 44g           |

### Outline Drawing(mm[inch])

