

## TMPD2-04000800-30S

**4 to 8 GHz, 30W, SMA Female  
2-WAY POWER DIVIDER**

### Electrical Characteristics

|  |                       |
|--|-----------------------|
| <b>FREQUENCY RANGE</b> .....                 | 4000~8000MHz          |
| <b>INSERTION LOSS</b> .....                  | 0.5dB max.            |
| (excluding theoretical insertion loss 3.0dB) |                       |
| <b>AMPLITUDE BALANCE</b> .....               | ±0.2dB                |
| <b>PHASE BALANCE</b> .....                   | ±3 Deg.               |
| <b>VSWR</b> (input port) .....               | 1.16 typ. & 1.25 max. |
| <b>VSWR</b> (output ports) .....             | 1.14 typ. & 1.2 max.  |
| <b>ISOLATION</b> .....                       | 28dB typ. & 20dB min. |
| <b>IMPEDANCE</b> .....                       | 50 Ohms               |
| <b>POWER RATING</b> (as a divider) .....     | 30W                   |
| <b>POWER RATING</b> (as a combiner) .....    | 2W                    |

### Mechanical and Environmental Characteristics

|                                    |             |
|------------------------------------|-------------|
| <b>Dimensions</b> .....            | 28×28×10mm  |
| <b>RF Connectors</b> .....         | SMA female  |
| <b>Surface Finishing</b> .....     | Black Paint |
| <b>Operating Temperature</b> ..... | -45℃ ~ +85℃ |
| <b>Weight</b> .....                | 21g         |

### Outline Drawing(mm[inch])

