

## TMPD2-00050230-100N

**0.05 to 2.3 GHz, 100W, N Female  
 2-WAY POWER DIVIDER**

### Electrical Characteristics

|  |                       |
|--|-----------------------|
| <b>FREQUENCY RANGE</b> .....                 | 50~2300MHz            |
| <b>INSERTION LOSS</b> .....                  | 4.8dB max.            |
| (excluding theoretical insertion loss 3.0dB) |                       |
| <b>AMPLITUDE BALANCE</b> .....               | ±0.3dB                |
| <b>PHASE BALANCE</b> .....                   | ±3 Deg.               |
| <b>VSWR(input port)</b> .....                | 1.18 typ. & 1.5 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> .....      | 100W                  |
| <b>POWER RATING(as a combiner)</b> .....     | 5W                    |

### Mechanical and Environmental Characteristics

|                                    |             |
|------------------------------------|-------------|
| <b>RF Connectors</b> .....         | N female    |
| <b>Surface Finishing</b> .....     | Black Paint |
| <b>Operating Temperature</b> ..... | -45℃ ~ +85℃ |

### Outline Drawing(mm[inch])

