

## TMPD8-17002200-20S

17 to 22 GHz, 20W, SMA Female  
**8-WAY POWER DIVIDER**

### Electrical Characteristics

|  |                       |
|--|-----------------------|
| <b>FREQUENCY RANGE</b> .....                 | 17~22GHz              |
| <b>INSERTION LOSS</b> .....                  | 1.8dB max.            |
| (excluding theoretical insertion loss 9.0dB) |                       |
| <b>AMPLITUDE BALANCE</b> .....               | ±0.5dB                |
| <b>PHASE BALANCE</b> .....                   | ±8 Deg.               |
| <b>VSWR(input port)</b> .....                | 1.38 typ. & 1.5 max.  |
| <b>VSWR(output ports)</b> .....              | 1.26 typ. & 1.5 max.  |
| <b>ISOLATION</b> .....                       | 24dB typ. & 18dB min. |
| <b>IMPEDANCE</b> .....                       | 50 Ohms               |
| <b>POWER RATING(as a divider)</b> .....      | 20W                   |
| <b>POWER RATING(as a combiner)</b> .....     | 1W                    |

### Outline Drawing(mm[inch])

### Mechanical and Enviromental Characteristics

|                                    |               |
|------------------------------------|---------------|
| <b>Dimensions</b> .....            | 104×40×10mm   |
| <b>RF Connectors</b> .....         | SMA female    |
| <b>Surface Finishing</b> .....     | Black Paint   |
| <b>Operating Temperature</b> ..... | -45°C ~ +85°C |
| <b>Weight</b> .....                | 138g          |

