

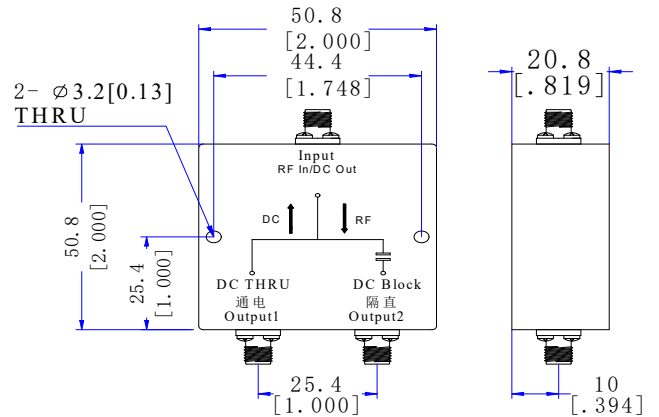
## TMPD2-00800220-30S

**0.8 to 2.2 GHz, 30W, SMA Female  
 2-WAY POWER DIVIDER**

### Electrical Characteristics

|  |                       |
|--|-----------------------|
| <b>FREQUENCY RANGE</b>                       | 800~2200MHz           |
| <b>INSERTION LOSS</b>                        | 0.5dB max.            |
| (excluding theoretical insertion loss 3.0dB) |                       |
| <b>AMPLITUDE BALANCE</b>                     | ±0.2dB                |
| <b>PHASE BALANCE</b>                         | ±2 Deg.               |
| <b>VSWR(input port)</b>                      | 1.15 typ. & 1.2 max.  |
| <b>VSWR(output ports)</b>                    | 1.11 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                    |
| <b>Power Supply</b>                          | 24Vdc/3A              |

### Outline Drawing(mm[inch])



### Mechanical and Enviromental Characteristics

|                              |                  |
|------------------------------|------------------|
| <b>Dimensions</b>            | 50.8×50.8×20.8mm |
| <b>RF Connectors</b>         | SMA female       |
| <b>Surface Finishing</b>     | Black Paint      |
| <b>Operating Temperature</b> | -45°C ~ +85°C    |