

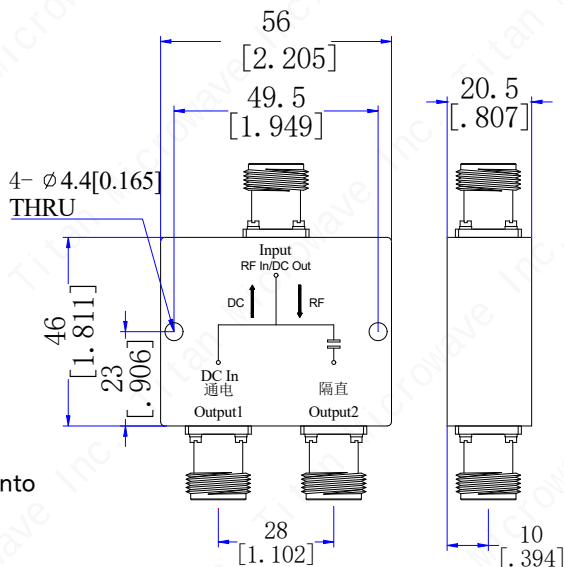
**TMPD2-00950215-30N**

0.95 to 2.15 GHz, 30W, N-Female  
 2-WAY POWER DIVIDER

**Electrical Characteristics**

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| <b>Frequency Range</b>    | 0.95~2.15GHz                                                           |
| <b>Insertion Loss</b>     | 0.4dB max.<br>(excluding theoretical loss 3.0dB)                       |
| <b>Amplitude Balance</b>  | ± 0.2dB max                                                            |
| <b>Phase Balance</b>      | ± 2° max                                                               |
| <b>VSWR(input port)</b>   | 1.15:1 typ, 1.20:1 max                                                 |
| <b>VSWR(output ports)</b> | 1.11:1 typ, 1.20:1 max                                                 |
| <b>Isolation</b>          | 20dB min, 28dB typ                                                     |
| <b>Impedance</b>          | 50 Ohms                                                                |
| <b>Power Rating</b>       | 30W(as a splitter)<br>1W(as a combiner)                                |
| <b>Power Supply</b>       | DC voltage of 25V 3A is fed into<br>"Output 1" and output from "Input" |

**Outline Drawing(mm[inch])**



**Mechanical & Environmental Characteristics**

|                              |                      |
|------------------------------|----------------------|
| <b>Dimensions</b>            | 56 × 46 × 20.5mm     |
| <b>RF Connectors</b>         | N-Female             |
| <b>Material</b>              | Aluminum 6061        |
| <b>Surface Treatment</b>     | Conductive Oxidation |
| <b>Operating Temperature</b> | -35°C~+75°C          |
| <b>Weight</b>                | 148g                 |