

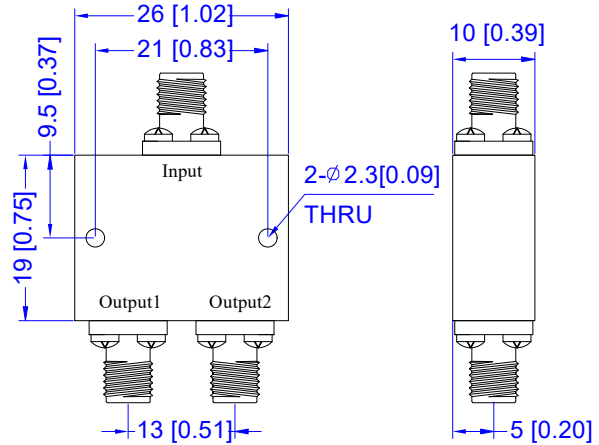
**TMPD2-27503100-10K**

**27.5 to 31 GHz, 10W, 2.92mm-Female  
2-WAY POWER DIVIDER**

**Electrical Characteristics**

**Frequency Range** ..... 27.5~31GHz  
**Insertion Loss** ..... 0.7dB typ, 1.2dB max  
 (excluding theoretical insertion loss 3.0dB)  
**Amplitude Balance** .....  $\pm 0.4$ dB max  
**Phase Balance** .....  $\pm 4^\circ$  max  
**VSWR(input port)** ..... 1.6:1 max  
**VSWR(output ports)** ..... 1.4:1 max  
**Isolation** ..... 16dB min  
**Impedance** ..... 50 Ohms  
**Power Handling** ..... 10W max

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



**Mechanical & Environmental Characteristics**

**Dimensions** ..... 26 × 19 × 10mm  
**RF Connectors** ..... 2.92mm-Female  
**Material** ..... Aluminum  
**Surface Finishing** ..... Black/Blue/Gray Paint  
**Operating Temperature** ..... -40°C~+85°C  
**Storage Temperature** ..... -50°C~+105°C