

**TMPD8-00504000-5K**

**0.5 to 40 GHz, 5W, 2.92mm-Female  
 8-WAY POWER DIVIDER**

**Electrical Characteristics**

- Frequency Range** ..... 0.5~40GHz
- Insertion Loss** ..... 11dB max  
 (excluding theoretical insertion loss 9.0dB)
- Amplitude Balance** .....  $\pm 1.5$ dB max
- Phase Balance** .....  $\pm 18^\circ$  max
- VSWR(input port)** ..... 2.2:1 max
- VSWR(output ports)** ..... 1.7:1 max
- Isolation** ..... 7dB min@0.5-0.9GHz  
 ..... 12dB min@0.9-40GHz
- Impedance** ..... 50 Ohms
- Power Handling(forward)** ..... 5W
- Power Handling(reverse)** ..... 1W

**Mechanical & Environmental Characteristics**

- Dimensions** ..... 228.6 × 101.6 × 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
- Weight** ..... 400g

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

