

**TMPD8-00500800-20SB**      **0.5 to 8 GHz, 20W, SMA-Female**  
**8-WAY POWER DIVIDER**

**Electrical Characteristics**

- Frequency Range** ..... 0.5~8GHz
- Insertion Loss** ..... 3.0dB max  
(excluding theoretical loss 9.0dB)
- Amplitude Balance** .....  $\pm 0.4$ dB
- Phase Balance** .....  $\pm 5^\circ$
- VSWR(input port)** ..... 1.18:1 typ; 1.5:1 max
- VSWR(output ports)** ..... 1.12:1 typ; 1.4:1 max
- Isolation** ..... 18dB min; 26dB typ
- Impedance** ..... 50 Ohms
- Forward Power** ..... 20W(CW) max
- Reversed Power** ..... 1W(CW) max

**Mechanical & Environmental Characteristics**

- Dimensions** ..... 114.5 × 114 × 10mm
- RF Connectors** ..... SMA-Female
- Connectors Material** ..... Passivated Stainless Steel
- Surface Finishing** ..... Black/Blue/Gray Paint
- Operating Temperature** ..... -45°C~+85°C
- Weight** ..... 330g

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

