

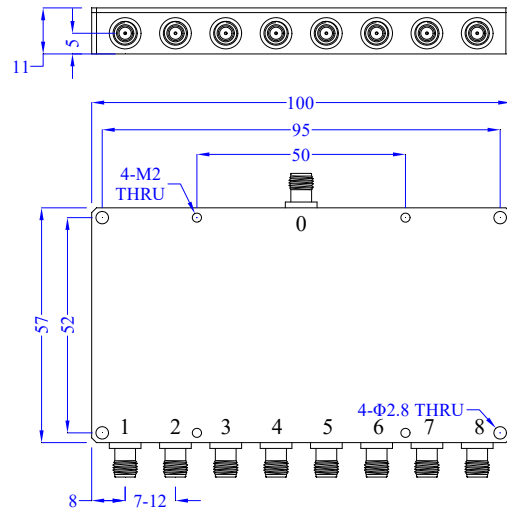
**TMPD8-2M0250-1S**

**2 to 2500 MHz, 1W, SMA-Female  
8-WAY POWER DIVIDER**

**Electrical Characteristics**

<b>Frequency Range</b> .....	2~2500MHz
<b>Insertion Loss</b> .....	3.5dB typ, 4.0dB max@2-2000MHz
.....	7.0dB max@2000-2500MHz
(excluding theoretical insertion loss	9.0dB)
<b>Amplitude Balance</b> .....	±0.6dB typ, ±1.0dB max
<b>Phase Balance</b> .....	±10° max
<b>VSWR(input port)</b> .....	1.4:1 typ, 2.0:1 max@2-2000MHz
.....	1.8:1 typ, 2.1:1 max@2000-2500MHz
<b>VSWR(output ports)</b> .....	1.4:1 typ, 1.8:1 max
<b>Isolation</b> .....	18dB min, 20dB typ@2-2000MHz
.....	12dB min, 15dB typ@2000-2500MHz
<b>Impedance</b> .....	50 Ohms
<b>Power Handling</b> .....	1W

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



**Mechanical & Environmental Characteristics**

<b>Dimensions</b> .....	100 × 57 × 11mm
<b>RF Connectors</b> .....	SMA-Female(stainless steel)
<b>Surface Finishing</b> .....	Natural color conductive oxidation
<b>Operating Temperature</b> .....	-40°C~+85°C
<b>Storage Temperature</b> .....	-55°C~+100°C