

## TMPD4-01000300-50S

**1 to 3 GHz, 50W, SMA Female  
4-WAY POWER DIVIDER**

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	1000~3000MHz
<b>INSERTION LOSS</b> .....	1.0dB max.
(excluding theoretical insertion loss 6.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.2dB
<b>PHASE BALANCE</b> .....	±3 Deg.
<b>VSWR(input port)</b> .....	1.18 typ. & 1.3 max.
<b>VSWR(output ports)</b> .....	1.12 typ. & 1.2 max.
<b>ISOLATION</b> .....	26dB typ. & 20dB min.
<b>IMPEDANCE</b> .....	50 Ohms
<b>POWER RATING(as a divider)</b> .....	50W
<b>POWER RATING(as a combiner)</b> .....	3W

### Mechanical and Environmental Characteristics

<b>Dimensions</b> .....	112×62×16mm
<b>RF Connectors</b> .....	SMA female
<b>Surface Finishing</b> .....	Black Paint
<b>Operating Temperature</b> .....	-35℃ ~ +75℃

### Outline Drawing(mm[inch])

