

## TMPD2-10M0010-1S

10 to 100 MHz, 1W, SMA Female  
2-WAY POWER DIVIDER

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	10~100MHz
<b>INSERTION LOSS</b> .....	0.6dB max.
(excluding theoretical insertion loss 3.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.3dB
<b>PHASE BALANCE</b> .....	±3 Deg.
<b>VSWR(all ports)</b> .....	1.15 typ. & 1.25 max.
<b>ISOLATION</b> .....	26dB typ. & 20dB min.
<b>IMPEDANCE</b> .....	50 Ohms
<b>POWER RATING(as a divider)</b> .....	1W
<b>POWER RATING(as a combiner)</b> .....	0.5W

### Mechanical and Enviromental Characteristics

<b>Dimensions</b> .....	28x28x12.7mm
<b>RF Connectors</b> .....	SMA female
<b>Surface Finishing</b> .....	Black Paint
<b>Operating Temperature</b> .....	-35°C ~ +75°C

### Outline Drawing(mm[inch])

