

## TMPD8-50M0096-1N

**50 to 960 MHz, 1W, N Female  
 8-WAY POWER DIVIDER**

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	50~960MHz
<b>INSERTION LOSS</b> .....	3.5dB max.
(excluding theoretical insertion loss 9.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.4dB
<b>PHASE BALANCE</b> .....	±5 Deg.
<b>VSWR(input port)</b> .....	1.18 typ. & 1.3 max.
<b>VSWR(output ports)</b> .....	1.18 typ. & 1.3 max.
<b>ISOLATION</b> .....	26dB typ. & 18dB min.
<b>IMPEDANCE</b> .....	50 Ohms
<b>POWER RATING(as a divider)</b> .....	1W
<b>POWER RATING(as a combiner)</b> .....	0.5W

### Outline Drawing(mm[inch])

### Mechanical and Enviromental Characteristics

<b>Dimensions</b> .....	58×200×22mm
<b>RF Connectors</b> .....	N female
<b>Surface Finishing</b> .....	Black Paint
<b>Operating Temperature</b> .....	-35°C ~ +75°C
<b>Weight</b> .....	660g

