

## TMPD8-80M0050-30S

80 to 500 GHz, 30W, SMA Female  
 8-WAY POWER DIVIDER

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	80~500MHz
<b>INSERTION LOSS</b> .....	1.8dB max.
(excluding theoretical insertion loss 9.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.2dB
<b>PHASE BALANCE</b> .....	±3 Deg.
<b>VSWR(input port)</b> .....	1.18 typ. & 1.25 max.
<b>VSWR(output ports)</b> .....	1.13 typ. & 1.2 max.
<b>ISOLATION</b> .....	25dB typ. & 20dB min.
<b>IMPEDANCE</b> .....	50 Ohms
<b>POWER RATING(as a divider)</b> .....	30W
<b>POWER RATING(as a combiner)</b> .....	2W

### Outline Drawing(mm[inch])

### Mechanical and Enviromental Characteristics

<b>Dimensions</b> .....	202×166×10mm
<b>RF Connectors</b> .....	SMA female
<b>Surface Finishing</b> .....	Blue Paint
<b>Operating Temperature</b> .....	-45°C ~ +85°C
<b>Weight</b> .....	800g

