

## TMPD8-14001800-20S

14 to 18 GHz, 20W, SMA Female  
8-WAY POWER DIVIDER

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	14~18GHz
<b>INSERTION LOSS</b> .....	1.6dB max.
(excluding theoretical insertion loss 9.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.3dB
<b>PHASE BALANCE</b> .....	±6 Deg.
<b>VSWR(input port)</b> .....	1.18 typ. & 1.5 max.
<b>VSWR(output ports)</b> .....	1.12 typ. & 1.3 max.
<b>ISOLATION</b> .....	24dB typ. & 18dB min.
<b>IMPEDANCE</b> .....	50 Ohms
<b>POWER RATING(as a divider)</b> .....	20W
<b>POWER RATING(as a combiner)</b> .....	1W

### Outline Drawing(mm[inch])

### Mechanical and Enviromental Characteristics

<b>Dimensions</b> .....	58×104×10mm
<b>RF Connectors</b> .....	SMA female
<b>Surface Finishing</b> .....	Black Paint
<b>Operating Temperature</b> .....	-45°C ~ +85°C
<b>Weight</b> .....	300g

