

## TMPD8-10004000-20K

10 to 40 GHz, 20W, 2.92mm Female  
**8-WAY POWER DIVIDER**

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	10~40GHz
<b>INSERTION LOSS</b> .....	3.2dB max.
(excluding theoretical insertion loss 9.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.5dB
<b>PHASE BALANCE</b> .....	±8 Deg.
<b>VSWR(input port)</b> .....	1.38 typ. & 1.7 max.
<b>VSWR(output ports)</b> .....	1.26 typ. & 1.6 max.
<b>ISOLATION</b> .....	22dB typ. & 16dB 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> .....	104×40×10mm
<b>RF Connectors</b> .....	2.92mm female
<b>Surface Finishing</b> .....	Black Paint
<b>Operating Temperature</b> .....	-45°C ~ +85°C
<b>Weight</b> .....	138g

