

## TMPD4-27003100-20K

27 to 31 GHz, 20W, 2.92mm Female  
4-WAY POWER DIVIDER

### Electrical Characteristics

<b>FREQUENCY RANGE</b> .....	27~31GHz
<b>INSERTION LOSS</b> .....	1.0dB max.
(excluding theoretical insertion loss 6.0dB)	
<b>AMPLITUDE BALANCE</b> .....	±0.4dB
<b>PHASE BALANCE</b> .....	±5 Deg.
<b>VSWR(input port)</b> .....	1.28 typ. & 1.5 max.
<b>VSWR(output ports)</b> .....	1.26 typ. & 1.5 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> .....	38.1×52.3×10mm
<b>RF Connectors</b> .....	2.92mm female
<b>Surface Finishing</b> .....	Black Paint
<b>Operating Temperature</b> .....	-45°C ~ +85°C
<b>Weight</b> .....	70g

