

## TMPD2-05100585-50N

5.1 to 5.85 GHz, 50W, N(m-f)  
2-WAY POWER DIVIDER

### Electrical Characteristics

<b>FREQUENCY RANGE</b>	.....	5100~5850MHz
<b>INSERTION LOSS</b>	.....	0.6dB max.
(excluding theoretical insertion loss 3.0dB)		
<b>AMPLITUDE BALANCE</b>	.....	±0.2dB
<b>PHASE BALANCE</b>	.....	±3 Deg.
<b>VSWR(input port)</b>	.....	1.16 typ. & 1.2 max.
<b>VSWR(output ports)</b>	.....	1.12 typ. & 1.2 max.
<b>ISOLATION</b>	.....	26dB typ. & 20dB min.
<b>IMPEDANCE</b>	.....	50 Ohms
<b>POWER RATING(as a divider)</b>	.....	50W
<b>POWER RATING(as a combiner)</b>	.....	3W

### Mechanical and Environmental Characteristics

<b>Dimensions</b>	.....	52×46×20mm
<b>RF Connectors</b>	.....	N male(input)
	.....	N female(outputs)
<b>Surface Finishing</b>	.....	Sandblasted Silver
<b>Operating Temperature</b>	.....	-35°C ~ +75°C
<b>Weight</b>	.....	175g

### Outline Drawing(mm[inch])

