

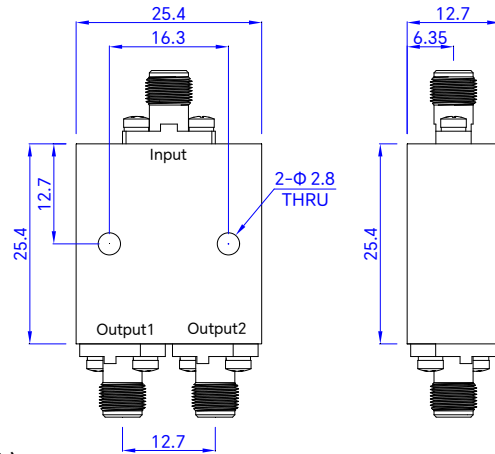
## TMPD2-08001800-30S

8 to 18 GHz, 30W, SMA-Female  
2-WAY POWER DIVIDER

### Electrical Characteristics

<b>Frequency Range</b> .....	8~18GHz
<b>Insertion Loss</b> .....	0.4dB min, 0.6dB max. (excluding theoretical insertion loss 3.0dB)
<b>Amplitude Balance</b> .....	± 0.15dB min, ± 0.2dB max
<b>Phase Balance</b> .....	± 2° typ, ± 3° max
<b>VSWR(input port)</b> .....	1.3:1 typ, 1.35:1 max
<b>VSWR(output ports)</b> .....	1.3:1 typ, 1.45:1 max
<b>Isolation</b> .....	22dB typ. & 20dB min
<b>Impedance</b> .....	50 Ohms
<b>Power Rating(Forward)</b> .....	30W
<b>Power Rating(Reverse)</b> .....	1W
<b>Peak Power</b> .....	300W(10% Duty Cycle, 1us Pulse Width)

### Outline Drawing(mm[inch])



### Mechanical & Environmental Characteristics

<b>Dimensions</b> .....	25.4 × 25.4 × 12.7mm
<b>RF Connectors</b> .....	SMA-Female
<b>Surface Finishing</b> .....	Black/Blue/Gray Paint
<b>Operating Temperature</b> .....	-40°C~+85°C
<b>Storage Temperature</b> .....	-50°C~+105°C
<b>Weight</b> .....	30g