

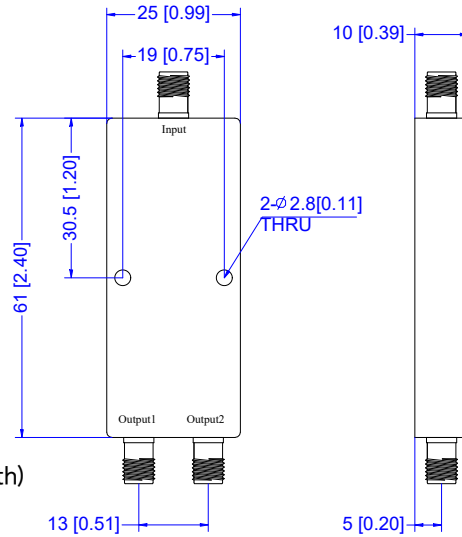
TMPD2-00500850-30S

0.5 to 8.5 GHz, 30W, SMA-Female
2-WAY POWER DIVIDER

Electrical Characteristics

Frequency Range	0.5~8.5GHz
Insertion Loss	1.0dB min, 1.2dB max. (excluding theoretical insertion loss 3.0dB)
Amplitude Balance	± 0.15dB min, ± 0.2dB max
Phase Balance	± 2° typ, ± 3° max
VSWR(input port)	1.35:1 typ, 1.5:1 max
VSWR(output ports)	1.25:1 typ, 1.3:1 max
Isolation	22dB typ. & 18dB min
Impedance	50 Ohms
Power Rating(Forward)	30W
Power Rating(Reverse)	2W
Peak Power	300W(10% Duty Cycle, 1us Pulse Width)

Outline Drawing(mm[inch])



Mechanical & Environmental Characteristics

Dimensions	25 × 61 × 10mm
RF Connectors	SMA-Female
Surface Finishing	Black/Blue/Gray Paint
Operating Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C
Weight	40g