

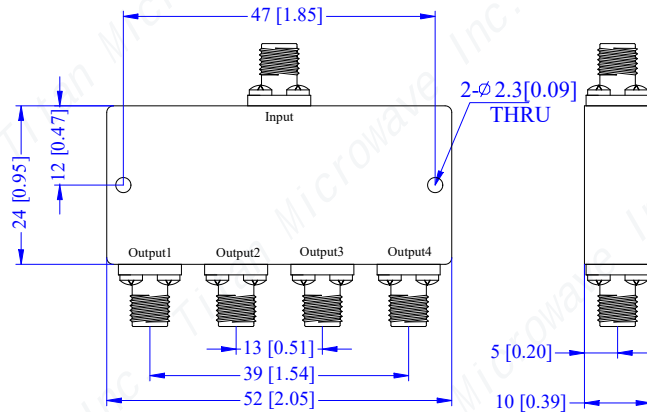
TMPD4-47205020-20V

**47.2 to 50.2 GHz, 20W, 1.85mm-Female
4-WAY POWER DIVIDER**

Electrical Characteristics

Frequency Range	47.2~50.2GHz
Insertion Loss	2.0dB max (excluding theoretical loss 6.0dB)
Amplitude Balance	±0.4dB max
Phase Balance	±10° max
VSWR(input port)	1.5 typ, 1.7:1 max
VSWR(output ports)	1.4 typ, 1.5:1 max
Isolation	15dB min, 16dB typ
Impedance	50 Ohms
Power Rating	20W(as a splitter)
Power Rating	0.5W(as a combiner)

Outline Drawing(mm[inch])



Mechanical & Environmental Characteristics

Dimensions	52 × 24 × 10mm
RF Connectors	1.85mm-Female
Surface Finishing	Black/Blue/Gray Paint
Housing Material	Aluminum
Operating Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C