# TMPD8-00501000-20S

## 0.5 to 10 GHz, 20W, SMA Female 8-WAY POWER DIVIDER

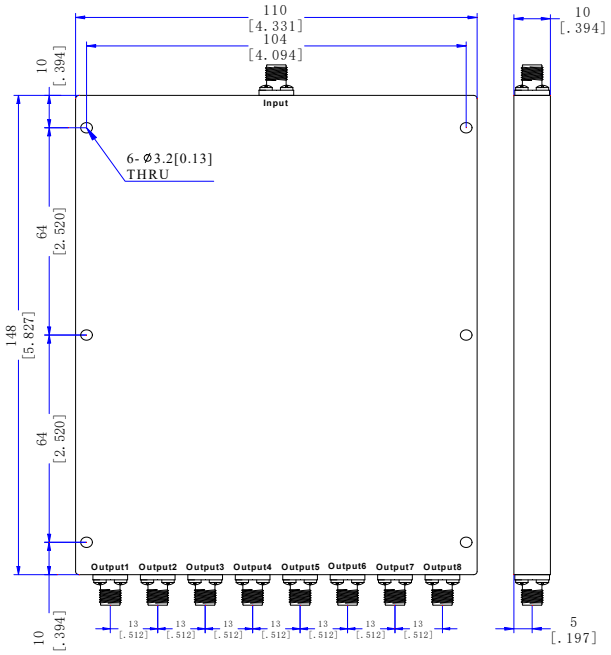
## Electrical Characteristics

| | |
|---|---|
| **FREQUENCY RANGE** | 500~10000MHz |
| **INSERTION LOSS** (excluding theoretical insertion loss 9.0dB) | 4.2dB max. |
| **AMPLITUDE BALANCE** | ±0.3dB |
| **PHASE BALANCE** | ±5 Deg. |
| **VSWR**(input port) | ≤1.55@500~700MHz |
| | ≤1.4@700~1000MHz |
| **VSWR**(output ports) | 1.15 typ. & 1.25 max. |
| **ISOLATION** | 26dB typ. & 18dB min. |
| **IMPEDANCE** | 50 Ohms |
| **POWER RATING**(as a divider) | 20W |
| **POWER RATING**(as a combiner) | 1W |

## Mechanical and Enviromental Characteristics

| | |
|---|---|
| **Dimensions** | 148×110×10mm |
| **RF Connectors** | SMA female |
| **Surface Finishing** | Black Paint |
| **Operating Temperature** | -45℃ ~ +85℃ |

## Outline Drawing(mm[inch])






All product specifications are subject to change without notice