HQ0204 2 - 4 GHz 3 dB 90° Hybrid

FEATURES

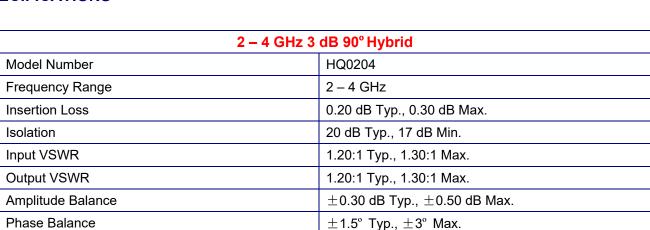
- Low VSWR
- Low Insertion Loss
- High Isolation
- Excellent Amplitude & Phase Tracking

SPECIFICATIONS

Power Handling

Connector Type

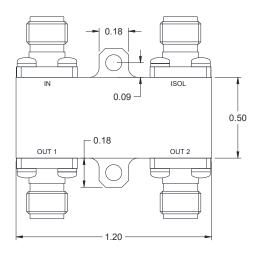
Impedance

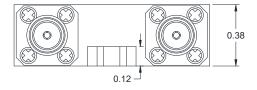


80 W CW

SMA Female

50Ω





Design to meet the following environmental specifications: (verification optional)

- 1. Operating Temp: -55°C to +85°C
- 2. Storage Temp: -65°C to +125°C
- 3. Shock: MIL-STD-202F, M213, Cond B
- 4. Altitude: MIL-STD-202F, M105, Cond B
- 5. Vibration: MIL-STD-202F, M204, Cond B
- 6. Thermal Shock: MIL-STD-202F, M107, Cond A
- 7. Temp. Cycle: MIL-STD-202F, M105C, Cond D
- 8. Humidity: MIL-STD-202F, M103, Cond B (Optional with Hysol epoxy seal)

Standard Finishing

Housing: Rugged Conductive Aluminum Housing Connector Housing: Passivated Stainless Steel Connector Center PIN: Beryllium copper, Gold plated

Note:

- 1. Insertion loss refers to the sum of the output power to the input power
- 2. The amplitude balance is the path loss variation over the average value of both paths
- Other connector combination is available on request
- Power handling is under the condition that all the outputs are connected to the loads with 1.25:1 or better VSWR and the unit is mounted with excellent heat sink

