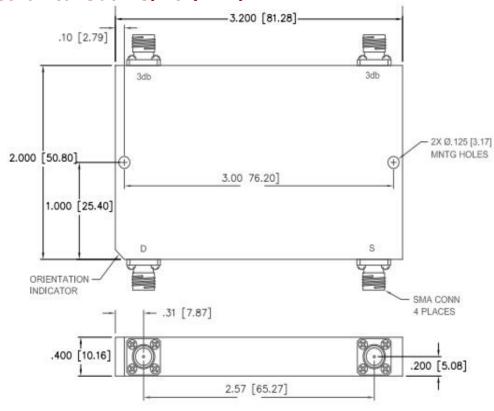
HB-0.5G1G-180-S is a 180 degree hybrids Coupler, designed to operate over the 0.5 to 1.0 GHz frequency range, with compact size.

Main Features:

Low insertion loss of 0.5dB max; High isolation of 22dB min; Designed to handle 80W max; Low VSWR of 1.3 max

Mechanical Outline(Inch/mm):



Specifications:

Frequency: 0.5 to 1.0 GHz Insertion loss: 0.5dB max 22dB min Isolation: Amplitude balance: 0.4dB max Phase balance: 8deg max Power Handling: 80W max VSWR: 1.30:1 max Connectors: **SMA Female**

Environmental Ratings:

Temperature: -25°C to +71 °C Operating

-65 °C to +100 °C Non-Operating

Vibration: MIL-STD-202F, Method 204D Cond. B
Altitude: MIL-STD-202F, Method 105C Cond. B
Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

| 180 Degree Hybrid Couplers | | | |
|----------------------------|-------------------|----------------------|---|
| HB-0.5G1G-180-S | | | |
| DRAWN: | DWG NO.: | REV CODE: Rev.1.0 | CONNPHY Microwave Inc. |
| CHECKRD: | DATE: 02/09/15 | SHEET: 1 OF 1 | www.connphy.com sales@connphy.com |
| ISSUED: | SIZE: A | SCALE : N / A | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE. |