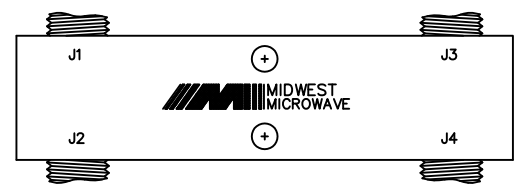
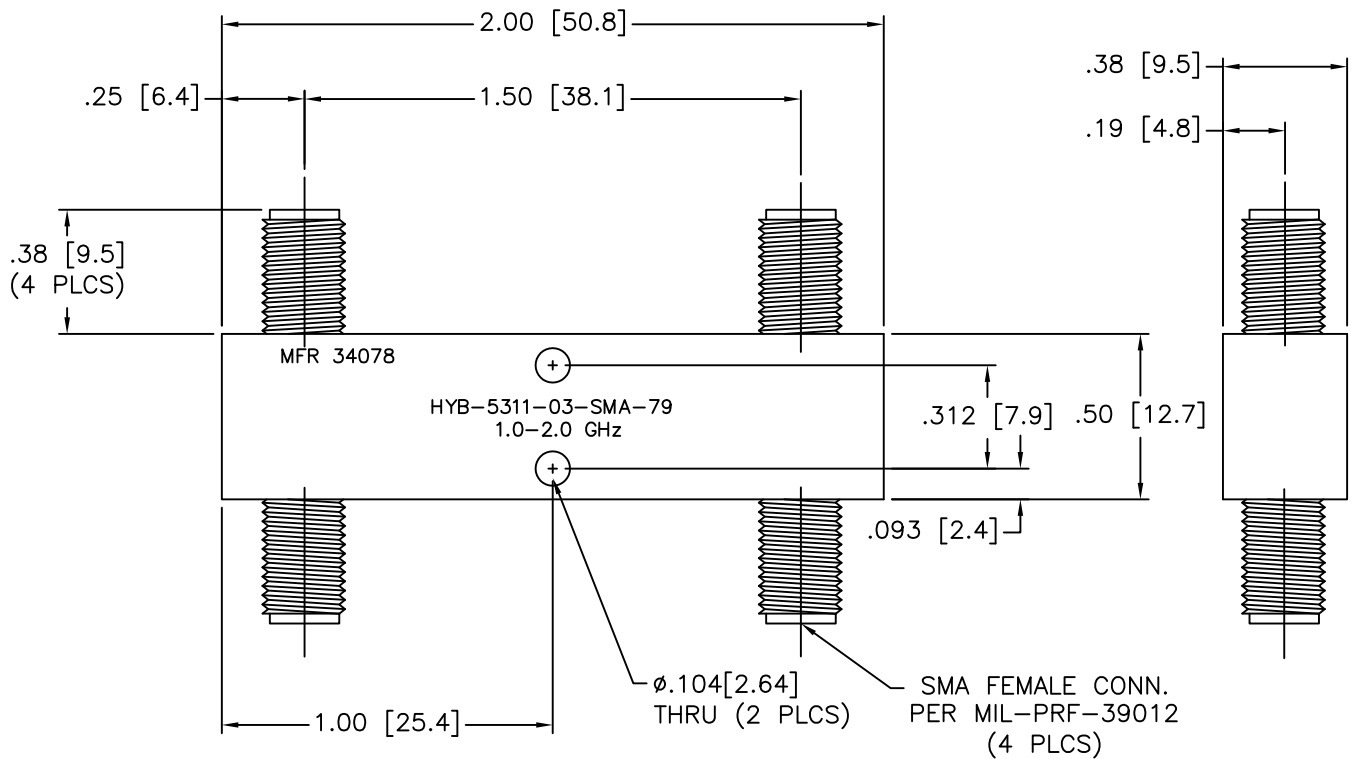


NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
  - 1.1 FREQUENCY RANGE: 1.0 TO 2.0 GHz
  - 1.2 AMPLITUDE BALANCE: ±0.5 dB
  - 1.3 ISOLATION: 22dB MIN
  - 1.4 VSWR: 1.20:1 MAX.
  - 1.5 INSERTION LOSS: 20dB MAX.
  - 1.6 INPUT POWER:
    - 1.6.1 AVERAGE: 50 WATTS
    - 1.6.2 PEAK: 3 KILOWATTS
- 2.0 FINISHING
  - 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2 OVER MIL-C-5541 CLASS 3A MEETS MIL-F-14072 MEETS MIL-E-5400 AND MIL-E-16400V.
  - 2.2 MARK UNIT AS SHOWN. (REF: SLK-09001-82-01)
- 3.0 DIMENSIONS IN BRACKETS ARE IN MILLIMETERS



BACK SIDE MARKING

|      |             |         |
|------|-------------|---------|
| REV. | DESCRIPTION | DATE    |
| 1    | RELEASED    | 8/16/00 |

|   |                         |   |                          |  |           |
|---|-------------------------|---|--------------------------|--|-----------|
| NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.  |                         | CASE CODE<br><b>34078</b>                                 |                          | <b>MIDWEST MICROWAVE</b>                   |           |
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R.<br>FLATNESS: T.I.R.<br>CONCENTRICITY: T.I.R.<br>ANGLES AND PERPENDICULARITY: ±1° |                         | <b>EMERSON</b><br>Network Power<br>Connectivity Solutions |                          | TITLE<br>HYBRID COUPLER<br>OUTLINE DRAWING |           |
| DRAWN BY<br>M.STAFFORD  | CHECKED/DATE<br>8/15/00 | DESIGNED BY<br>J.O'NEIL                                   | APPROVED/DATE<br>8/16/00 | DRAWING NUMBER<br>HYB-5311-03-SMA-79-01    | REV.<br>- |
| SCALE: N/A  |                         | SHEET 1 of 1  |                          |  |           |