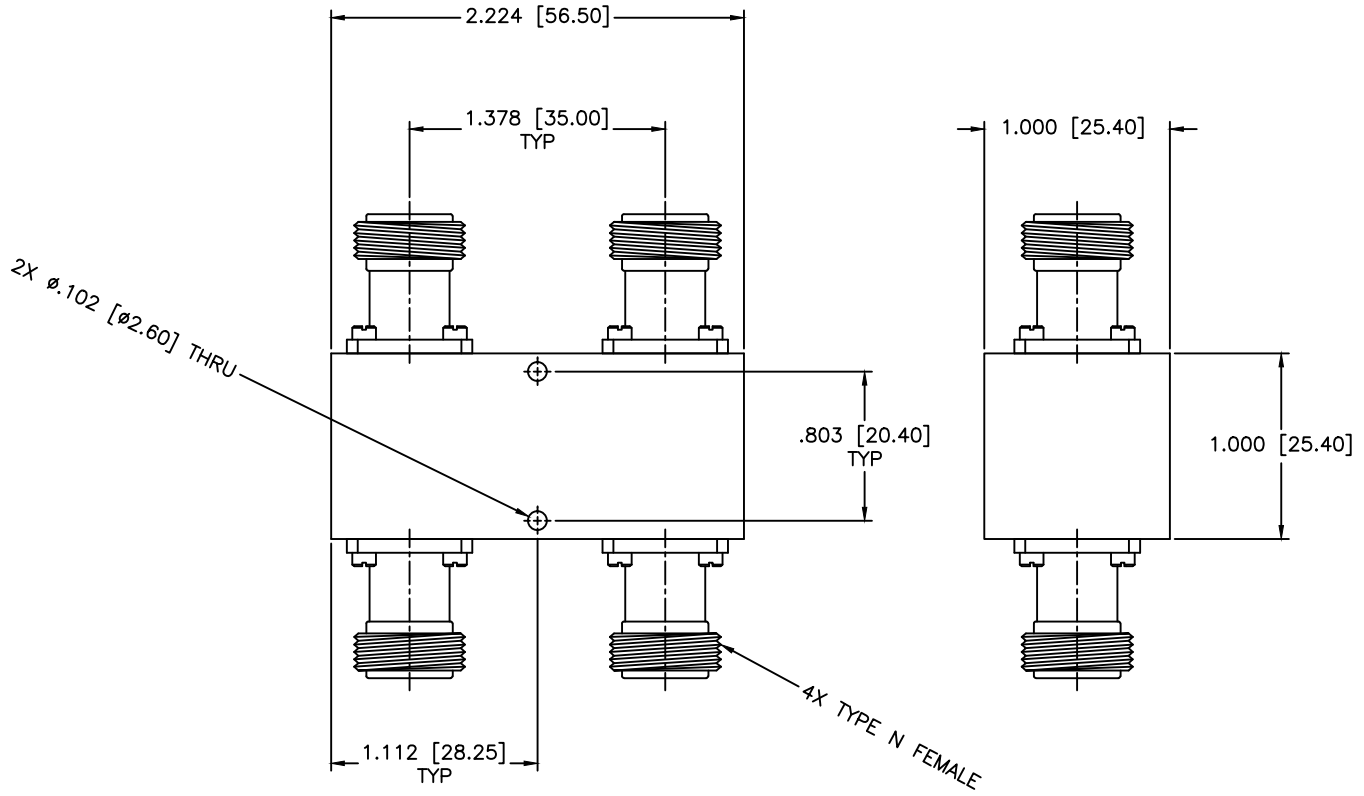


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |



SPECIFICATIONS

- Frequency Range: 1000–2000MHz
- Insertion Loss: 0.20dB Max.
- VSWR: 1.20:1 Max.
- Phase Balance: $\pm 3^\circ$ Max.
- Amplitude Balance: ± 0.8 dB Max.
- Isolation: 22dB Min.
- Power Handling: 1000 Watts
- Operating Temperature: -45°C to $+85^\circ\text{C}$

| | | | | | | |
|----------------|-------|---|---|--------------------------|------------|----------|
| MATERIAL: | | | MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM | | SCALE: N/A | |
| | | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$ | | SHEET: N/A | |
| DRAWING TITLE: | | 90° HYBRID | | | | |
| PART NO.: | | HB-2-1000/NF | | | | |
| DRAWN: | DATE: | PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI) | CAGE CODE: | SIZE: | REV: | DWG NO.: |
| APPROVED: | DATE: | | | OD2L5 | A | N/A |
| | | | | DO NOT SCALE THE DRAWING | | |