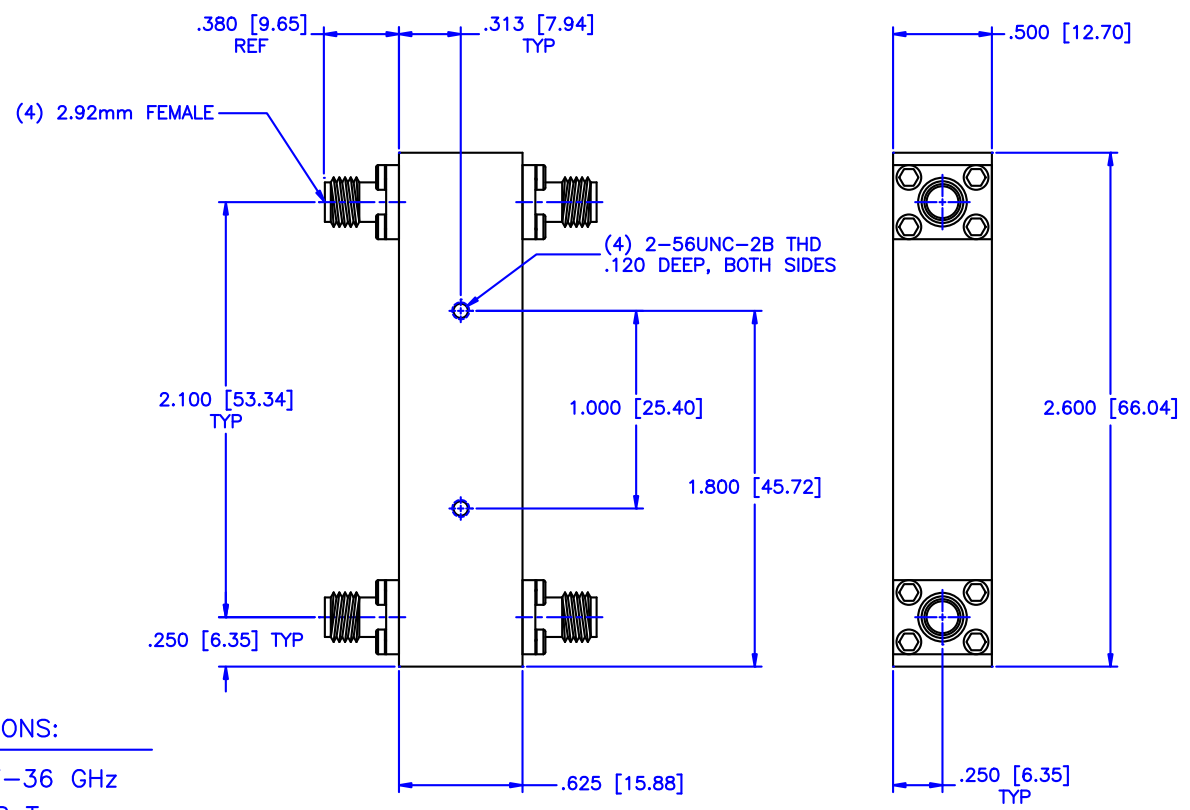


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |



SPECIFICATIONS:

- Frequency Range: 1.7–36 GHz
- Coupling: 3dB Typ.
- VSWR: 1.85:1 Max.
- Amplitude Balance: ± 1.7 dB
- Phase Balance: $\pm 12^\circ$ Deg.
- Insertion Loss: 4.35dB Max.
- Isolation: 12dB Min.
- Power Rating: 20 Watts Average, 3kW Peak
- Operating Temperature: -54°C to $+85^\circ\text{C}$

| | | | | |
|------------------------------|--|--|---|---|
| MATERIAL: | | MCLI 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 |
| | | | SHEET: | N/A |
| | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$ | DRAWING TITLE: 90° HYBRID 3dB COUPLER | |
| DRAWN: Paiboon Luekhamhan | | DATE: 08-29-2011 | PART NO. HB-98 | |
| APPROVED: T. Nguyen | | DATE: 08-29-2011 | CAGE CODE: OD2L5 | SIZE: A REV: N/A DWG NO. 85879 |
| | | THIRD ANGLE PROJECTION | DO NOT SCALE THE DRAWING | |