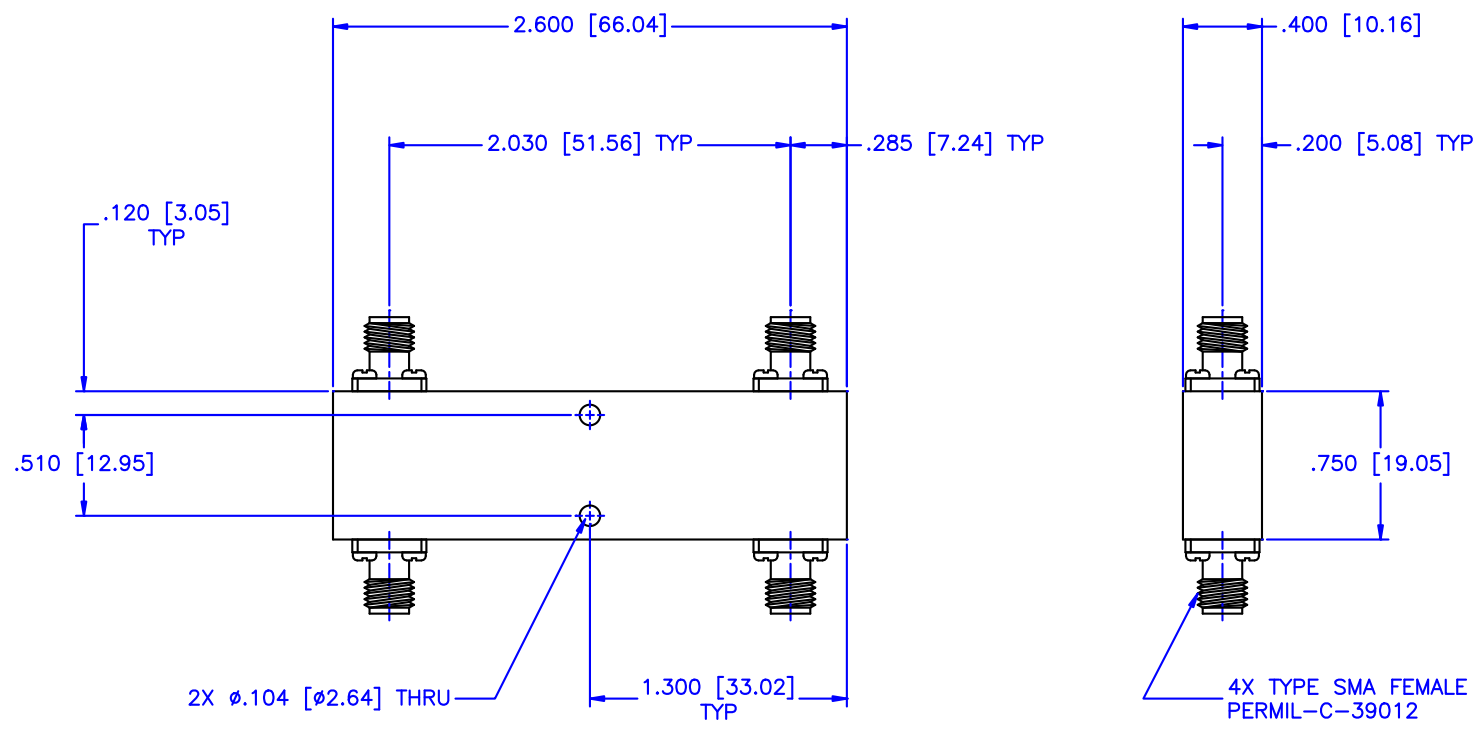


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |
|           |     |             |      |          |



2X  $\phi$ .104 [ $\phi$ 2.64] THRU

4X TYPE SMA FEMALE  
PERMIL-C-39012

SPECIFICATIONS

- Frequency Range: 2.6–5.2
- Coupling:  $3.1 \pm 0.6$  dB
- Frequency Sensitivity:  $\pm 0.5$  dB
- Isolation: 20 dB Min.
- Power / Peak: 50 Watts / 3 kW
- VSWR: 1.25:1 Max.

|   |  |   |  |            |                          |        |
|---|--|---|--|------------|--------------------------|--------|
| MATERIAL:   |  |   | MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br>http://WWW.MCLI.COM |            | SCALE:                   | N/A    |
| UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm 0.01 \pm 0.005$<br>ANGLE: $\pm 1/2^\circ$ |  |   | DRAWING TITLE:   |            | 90° HYBRID               |        |
| DRAWN: Paiboon Luekhamhan<br>DATE: 11-09-2011   |  | PROPRIETARY NOTICE:<br>THE INFORMATION IN THIS DRAWING IS PROPRIETARY<br>AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN<br>PERMISSION FROM MICROWAVE COMMUNICATIONS<br>LABORATORIES INC. (MCLI) |  | PART NO.:  |                          | HB-4   |
| APPROVED: T. Nguyen<br>DATE: 11-09-2011   |  | THIRD ANGLE PROJECTION<br>  |  | CAGE CODE: | SIZE: A                  | REV: B |
|   |  |   |  | 0D2L5      | DO NOT SCALE THE DRAWING |        |
|   |  |   |  |            | DWG NO. 80685            |        |