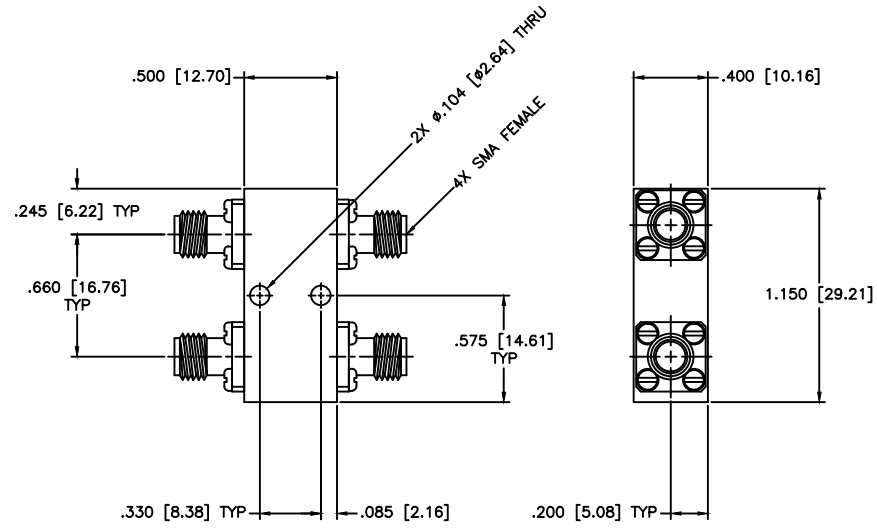


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



**SPECIFICATIONS**

Frequency Range: 2–4 GHz  
 Coupling: 3.1dB ±0.6dB  
 VSWR: 1.20:1 Max.  
 Frequency Sensitivity: ±0.5dB  
 Isolation: 22dB Min.  
 Average Power: 50W, 3kW Peak

|                    |  |            |  |  |                |             |
|--------------------|--|------------|--|--|----------------|-------------|
| 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: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2°                  |  | DRAWING TITLE: | 90° HYBRIDS |
| DRAWN:             |  | DATE:      | PART NO.   |  | HB-3           |             |
| Paiboon Luekhamhan |  | 01-26-2004 | CAGE CODE:   |  | SIZE:          | REV:        |
| APPROVED:          |  | DATE:      | OD2L5  |  | A              | N/A         |
| T. Nguyen          |  | 01-26-2004 | DO NOT SCALE THE DRAWING   |  | DWG NO.        |             |
|                    |  |            |  |  | 80684          |             |

