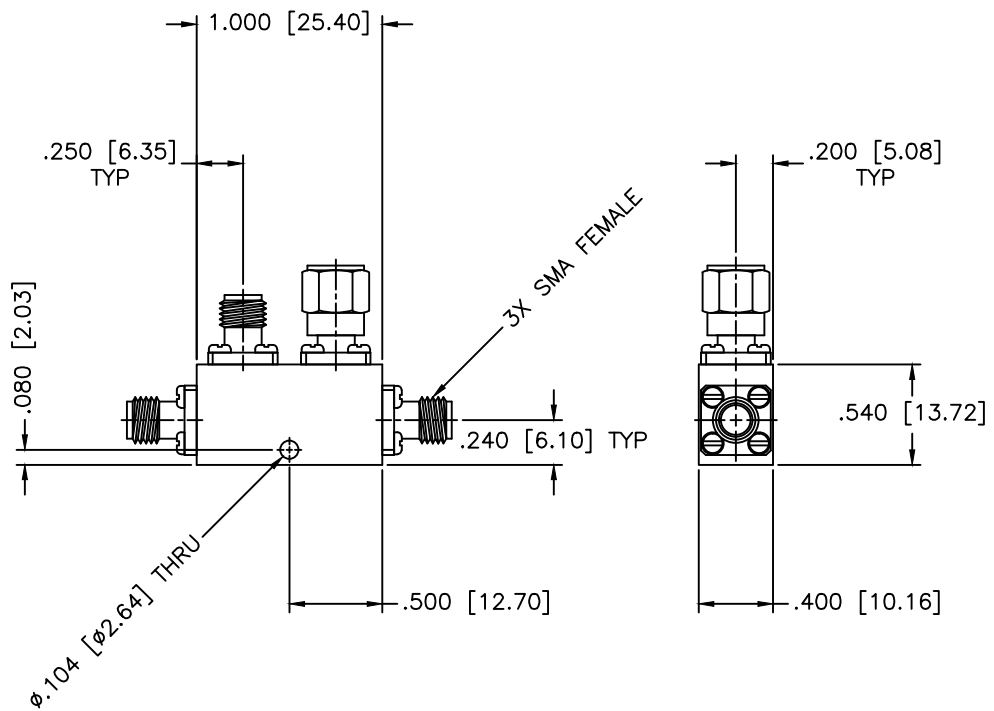


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



**SPECIFICATIONS**

Frequency Range: 18.5–19.5 GHz  
 Coupling: 30±1.0dB  
 Frequency Sensitivity: ±0.80dB  
 Insertion Loss: 0.85dB Max.  
 Directivity: 10dB Min.  
 VSWR: 1.70:1 Max.  
 Power Incident, Reflected: 50W, 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              |
|   |                     |  | SHEET:     | 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:<br><b>DIRECTIONAL COUPLER</b>   |            |                  |
| DRAWN:<br>Paiboon Luekhamhan  |                     | PART NO.<br><b>C26-30</b>  |            |                  |
| DATE:<br>10-01-1999   | DATE:<br>10-01-1999 | CAGE CODE:<br>OD2L5  | SIZE:<br>A | REV:<br>N/A      |
| APPROVED:<br>T. Nguyen  | DATE:<br>10-01-1999 | DO NOT SCALE THE DRAWING   |            | DWG NO.<br>81400 |



THIRD ANGLE PROJECTION