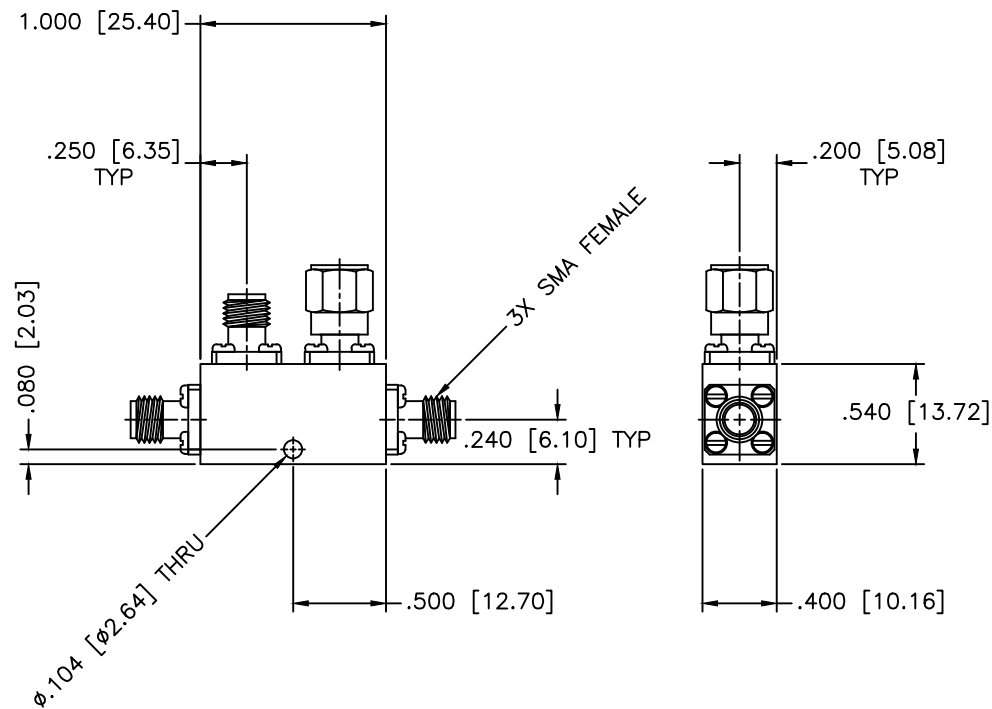


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### SPECIFICATIONS

Frequency Range: 18–26.5 GHz  
 Coupling:  $6 \pm 1.3$  dB  
 Frequency Sensitivity:  $\pm 0.8$  dB  
 Insertion Loss: 2.0 dB Max.  
 Directivity: 10 dB Min.  
 VSWR: 1.80:1 Max.  
 Power Incident. Reflected: 50W, 2W, 1kW Peak

|                                                                                                           |  |                                                                                                                                                                                                |          |               |
|-----------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|
| <b>MATERIAL:</b><br> |  | MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br><a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a> |          | SCALE: N/A    |
|                                                                                                           |  | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES:<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm .01 \pm .005$<br>ANGLE: $\pm 1/2^\circ$                             |          | SHEET: N/A    |
| DRAWN: Paboon Luethamhan<br>DATE: 03-05-1998                                                              |  | DRAWING TITLE: DIRECTIONAL COUPLER                                                                                                                                                             |          |               |
| APPROVED: T. Nguyen<br>DATE: 03-05-1998                                                                   |  | PART NO. C9-6                                                                                                                                                                                  |          |               |
| CAGE CODE: OD2L5                                                                                          |  | SIZE: A                                                                                                                                                                                        | REV: N/A | DWG NO. 80970 |
| THIRD ANGLE PROJECTION                                                                                    |  | DO NOT SCALE THE DRAWING                                                                                                                                                                       |          |               |