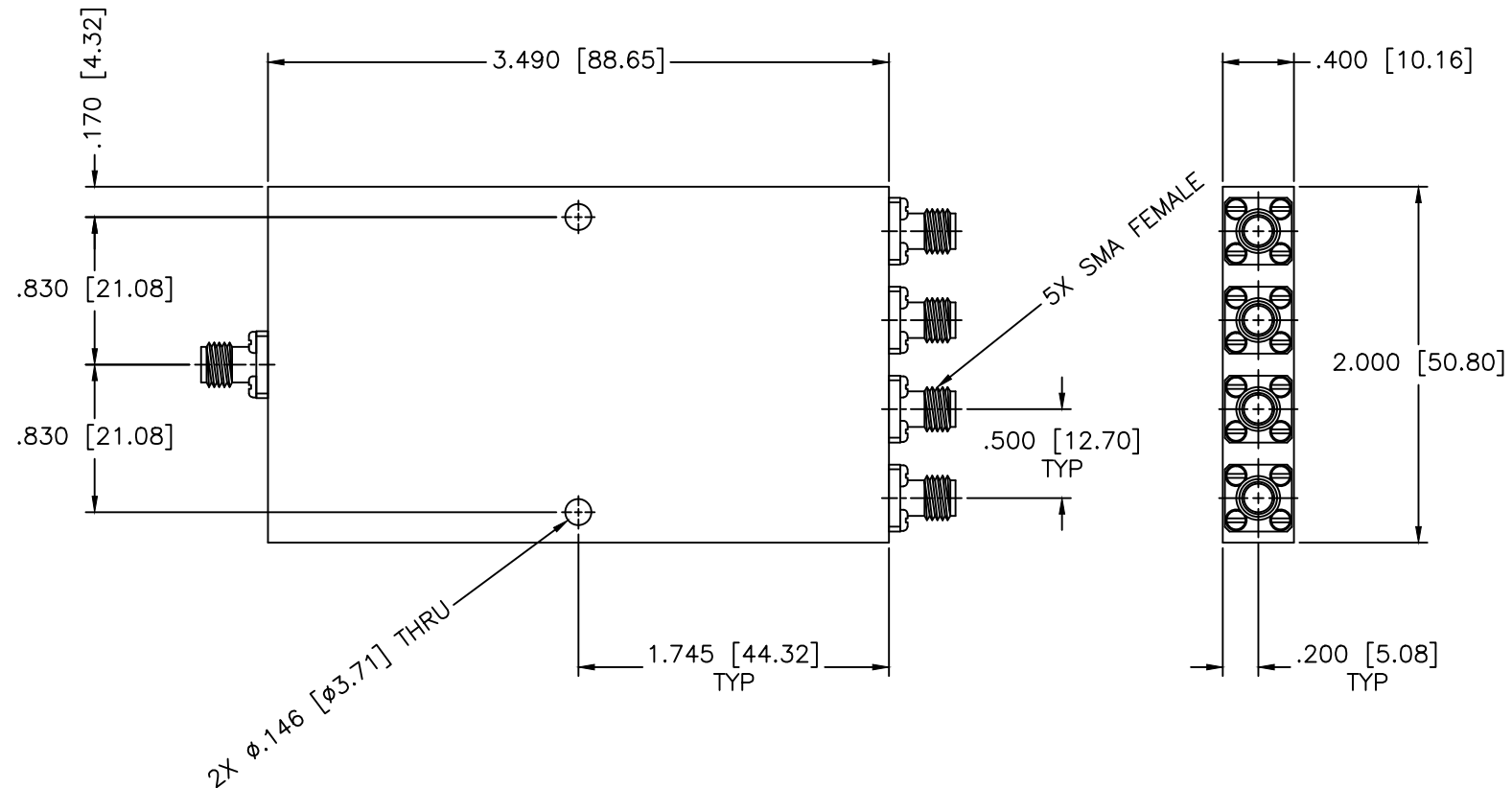


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### SPECIFICATIONS

Frequency Range: 2–18 GHz  
 Insertion Loss: 1.8dB Max.  
 Isolation: 18dB Min.  
 VSWR In/Out: 1.50:1/1.40:1 Max.  
 Phase Balance:  $\pm 10$  Deg. Max.  
 Amplitude Balance:  $\pm 0.8$ dB Max.  
 Power: 20W (Load  $v_{swr@1.2}$ )

|                                                                                                                                                                                  |                        |                                                                                                                                                                                                |            |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|
| MATERIAL:<br>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: $\pm 1/2^\circ$ |                        | 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:<br>N/A    |
|                                                                                                                                                                                  |                        | SHEET:<br>N/A                                                                                                                                                                                  |            |                  |
| DRAWN:<br>Paiboon Luekhamhan                                                                                                                                                     |                        | DRAWING TITLE:<br>4-WAY POWER DIVIDER                                                                                                                                                          |            |                  |
|                                                                                                                                                                                  |                        | PART NO.<br>PS4-34                                                                                                                                                                             |            |                  |
| DATE:<br>02-24-1998                                                                                                                                                              | APPROVED:<br>T. Nguyen | CAGE CODE:<br>OD2L5                                                                                                                                                                            | SIZE:<br>A | REV:<br>N/A      |
| DATE:<br>02-24-1998                                                                                                                                                              |                        | DO NOT SCALE THE DRAWING                                                                                                                                                                       |            | DWG NO.<br>80928 |