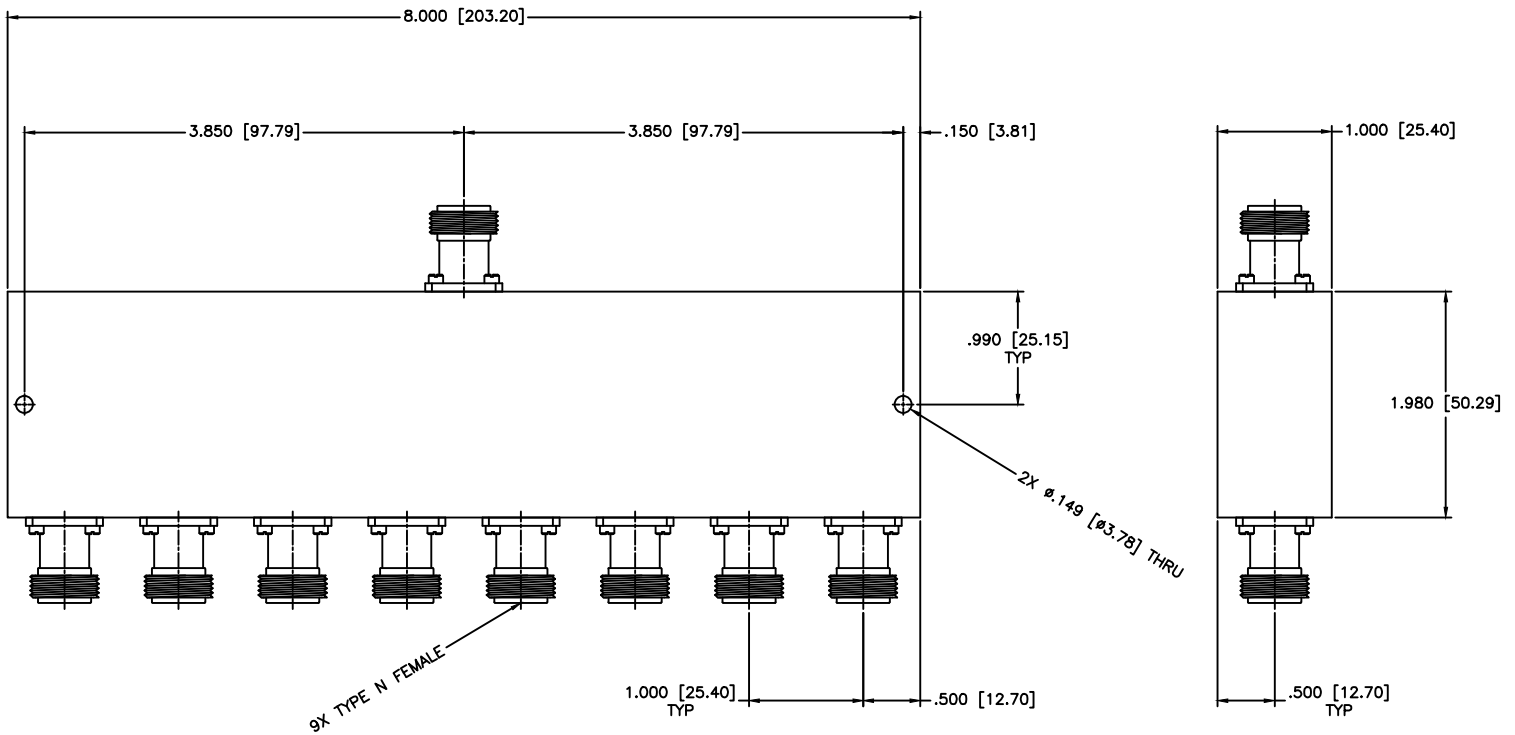


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |



**SPECIFICATIONS**

Frequency Range: 0.95–1.45 GHz  
 Input VSWR: 1.40:1/1.25:1 Max.  
 Insertion Loss: 1.0dB Max.  
 Isolation: 18dB Min.  
 Phase Balance:  $\pm 6$  Deg. Max.  
 Amplitude Balance:  $\pm 0.4$ dB Max.  
 Power Rating: 30W (Load vswr @ 1.2)  
 Operating Temperature:  $-55^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

|   |                     |   |                          |             |
|---|---------------------|---|--------------------------|-------------|
| 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         |
| DRAWING TITLE:  |                     | 8-WAY POWER DIVIDER   |                          |             |
| PART NO.:   |                     | PS8-46/NF   |                          |             |
| DRAWN:<br>Paiboon Luekhamhan  | DATE:<br>06-18-1998 | 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: $\pm 1/2^{\circ}$ | CAGE CODE:               | OD2L5       |
| APPROVED:<br>T. Nguyen  | DATE:<br>06-18-1998 |   | SIZE:<br>A               | REV:<br>N/A |
| 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) |                     | THIRD ANGLE PROJECTION<br>  | DO NOT SCALE THE DRAWING |             |