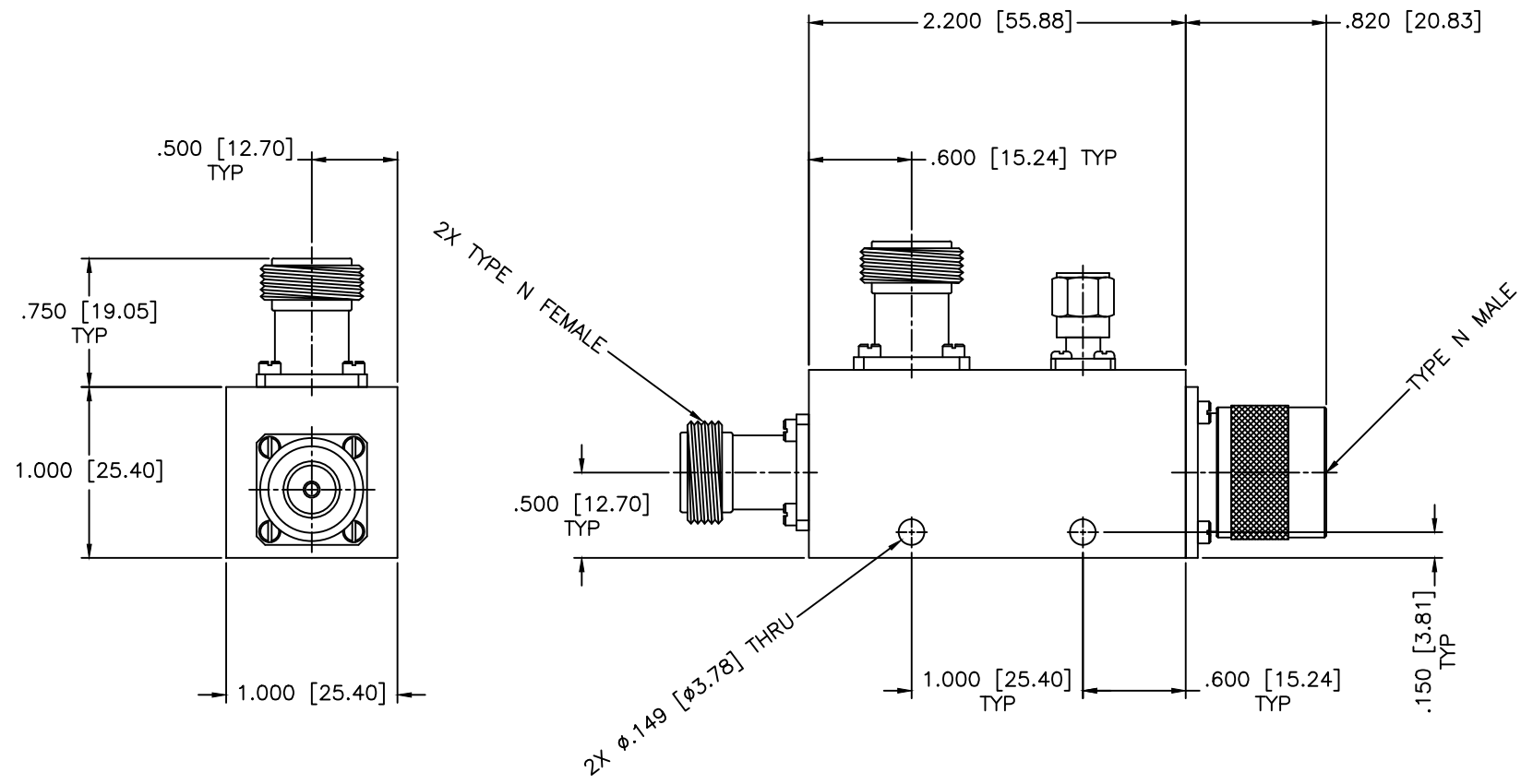


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



**SPECIFICATIONS**

Frequency Range: 3.6–4.2 GHz  
 Coupling: 30±1.0dB  
 Frequency Sensitivity: ±0.85dB  
 Insertion Loss: 0.55dB Max.  
 Directivity: 14dB Min.  
 VSWR: 1.40:1 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     |
|           |       |   | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.02 ±.008<br>ANGLE: ±1/2°                  | DRAWING TITLE: |              | SHEET:  |
|           |       |   | DIRECTIONAL COUPLER  |                |              |         |
|           |       |   | PART NO.   |                | C19-30-S/NMO |         |
| DRAWN:    | DATE: | 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) | CAGE CODE:   | SIZE:          | REV:         | DWG NO. |
| APPROVED: | DATE: |   | OD2L5  | A              | N/A          | 81485   |
|           |       |   | DO NOT SCALE THE DRAWING   |                |              |         |