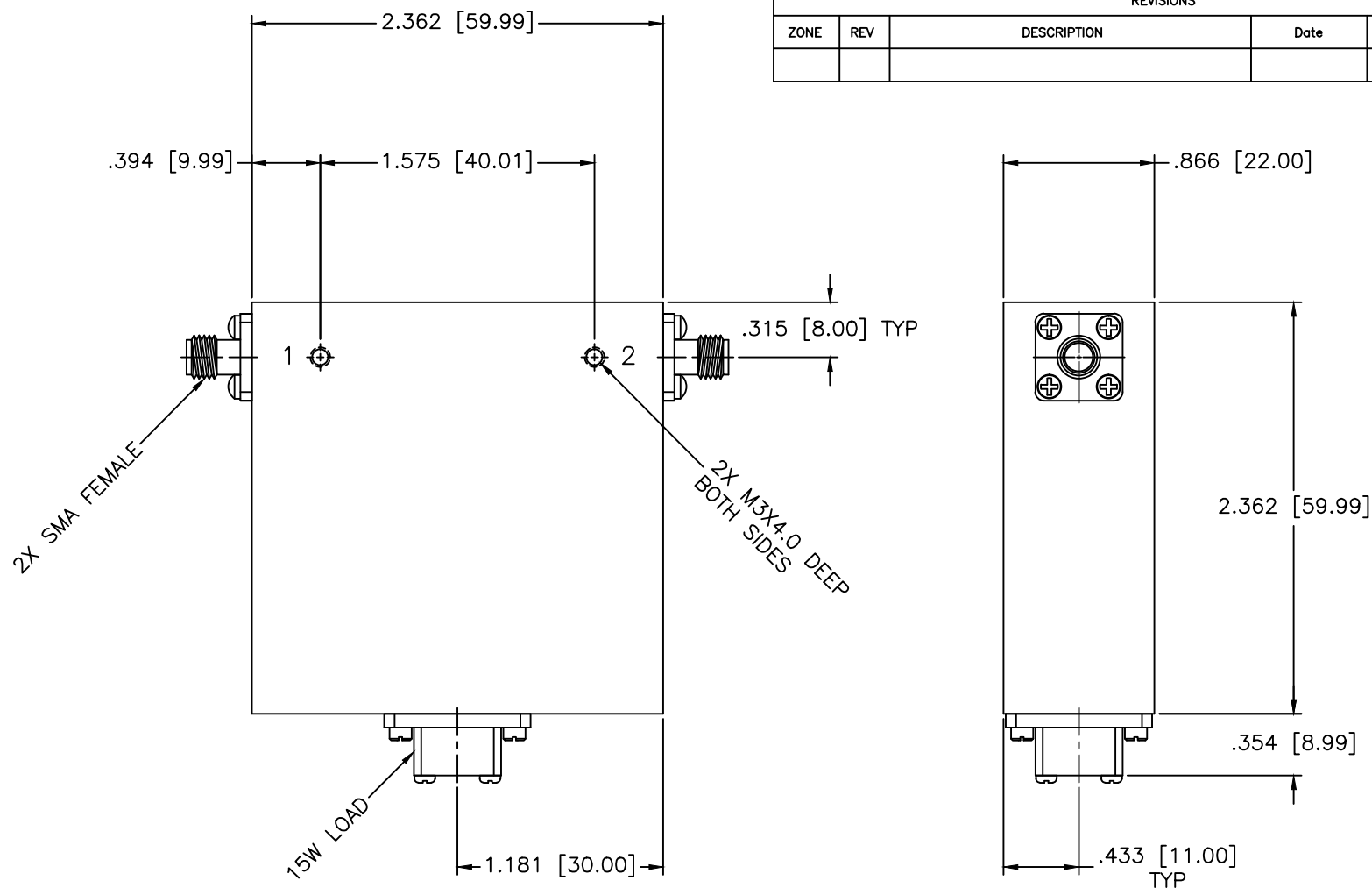


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |
|           |     |             |      |          |



# SPECIFICATIONS

Frequency Range: 1.12–2.24 GHz  
Isolation: 17dB Min.  
Insertion loss: 0.50dB Max.  
VSWR: 1.35:1 Max.  
Power: 15W Avg, 100W Peak  
Operating Temperature: 0°C to +50°C

|                                                                                                                                                                                                  |  |                                                                                                                                                                          |  |                  |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|-----|
| MATERIAL:                                                                                                                                                                                        |  | <b>MCLI</b> 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: $\pm 1/64$<br>DECIMALS: $\pm 0.01 \pm 0.005$<br>ANGLE: $\pm 1/2^\circ$                              |  | DRAWING TITLE:                                                                                                                                                           |  | SHEET:           | N/A |
| DRAWN: Paiboon Luekhamhan                                                                                                                                                                        |  | DATE: 12-16-2006                                                                                                                                                         |  | PART NO.         |     |
| APPROVED: T. Nguyen                                                                                                                                                                              |  | DATE: 12-16-2006                                                                                                                                                         |  | ISOLATION        |     |
| PROPERTY 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:                                                                                                                                                               |  | IS-5-15          |     |
| THIRD ANGLE PROJECTION                                                                                                                                                                           |  | SIZE: A                                                                                                                                                                  |  | REV: N/A         |     |
| DWG NO. 32178                                                                                                                                                                                    |  | DO NOT SCALE THE DRAWING                                                                                                                                                 |  | CAGE CODE: OD2L5 |     |