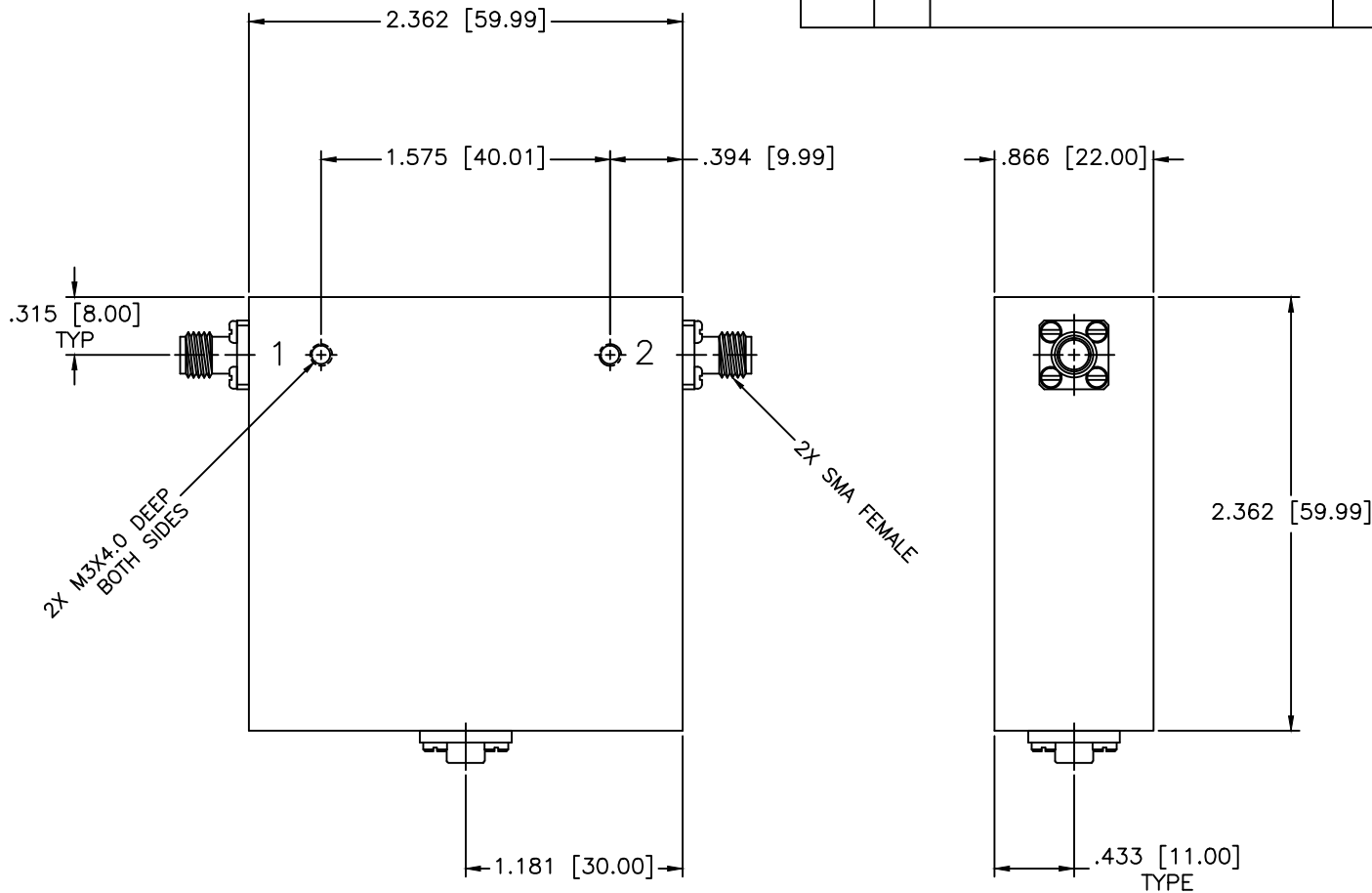


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |
|           |     |             |      |          |



**SPECIFICATIONS**

Frequency Range: 1.3–2.6 GHz  
 Isolation: 17dB Min.  
 Insertion loss: 0.50dB Max.  
 VSWR: 1.35:1 Max.  
 Power: 20W Avg, 100W Peak  
 Operating Temperature: -10°C to +55°C

|                              |                     |
|------------------------------|---------------------|
| MATERIAL:                    |                     |
| /                            |                     |
| DRAWN:<br>Paiboon Luekhamhan | DATE:<br>08-06-2001 |
| APPROVED:<br>T. Nguyen       | DATE:<br>08-06-2001 |

|                                   |  |                            |                  |
|-----------------------------------|--|----------------------------|------------------|
| <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:<br>N/A    |
|                                   | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ± 0.01 ± 0.05<br>ANGLE: ± 1/2°              |                            | SHEET:<br>N/A    |
| DRAWING TITLE:<br><b>ISOLATOR</b> |  | PART NO.<br><b>IS-6-20</b> |                  |
| CAGE CODE:<br>OD2L5               | SIZE:<br>A   | REV:<br>N/A                | DWG NO.<br>81962 |
| DO NOT SCALE THE DRAWING          |  |                            |                  |

PROPRIETARY NOTES:  
THE INFORMATION IN THIS DRAWING IS PROPRIETARY  
AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN  
PERMISSION FROM MICROWAVE COMMUNICATIONS  
LABORATORIES INC. (MCLI)

THIRD ANGLE PROJECTION