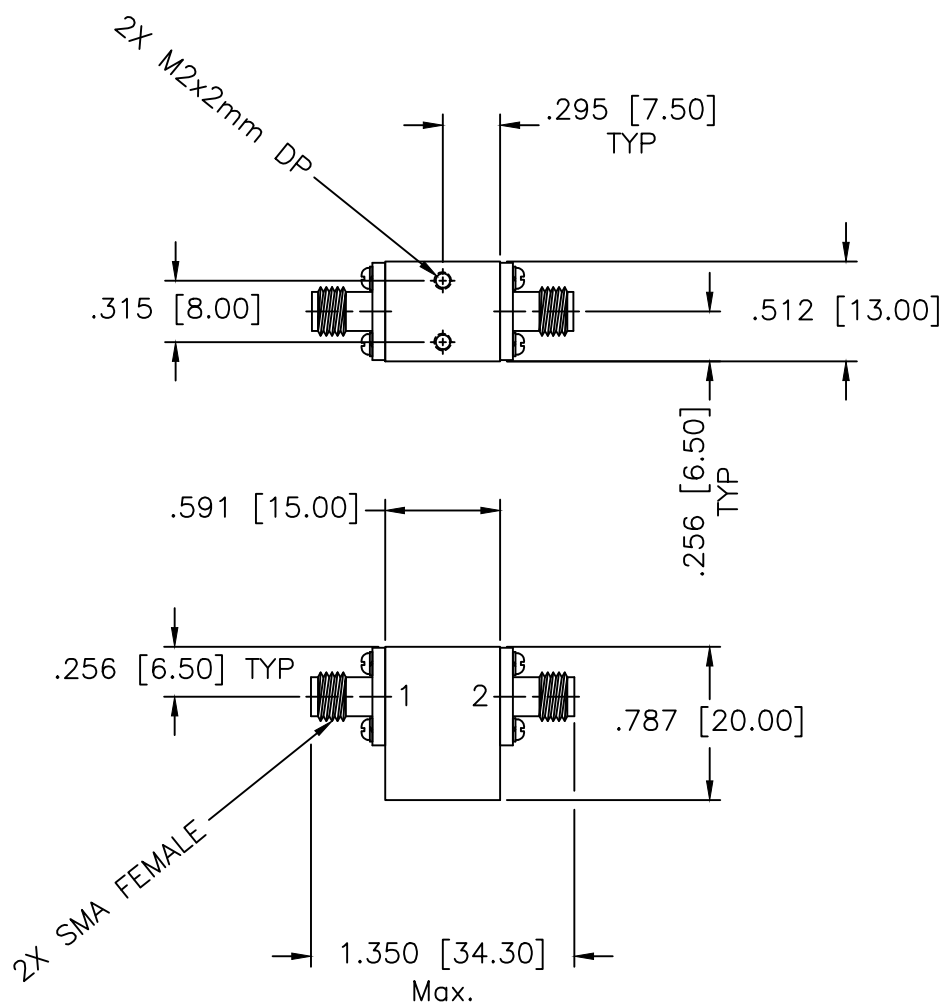


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



| Freq. Range (GHz) | Insertion Loss (dB) Max. | Reverse Isolation (dB) Min. | VSWR Max. | Forward Power (W) | Reverse Power (W) | Temperature Range, °C |
|-------------------|--------------------------|-----------------------------|-----------|-------------------|-------------------|-----------------------|
| 11.8–13.4         | 0.5                      | 20                          | 1.20      | 5                 | 2                 | –25 to +55            |

|                                         |  |                                                                                                                                                                                                     |                                                                                                                                                                                                |     |                          |     |
|-----------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------|-----|
| MATERIAL:                               |  |                                                                                                                                                                                                     | 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:                   | N/A |
|                                         |  |                                                                                                                                                                                                     |                                                                                                                                                                                                |     | SHEET:                   | N/A |
| DRAWN: Paiboon L.<br>DATE: 02/16/2026   |  | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm 0.019$<br>ANGLE: $\pm 1/2^\circ$                                          | DRAWING TITLE:                                                                                                                                                                                 |     |                          |     |
|                                         |  |                                                                                                                                                                                                     | COAXIAL ISOLATOR                                                                                                                                                                               |     |                          |     |
| APPROVED: T. Nguyen<br>DATE: 02/16/2026 |  | 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) | PART NO.                                                                                                                                                                                       |     | IS-450                   |     |
|                                         |  |                                                                                                                                                                                                     | CAGE CODE:                                                                                                                                                                                     |     | DO NOT SCALE THE DRAWING |     |
|                                         |  |                                                                                                                                                                                                     | SIZE:                                                                                                                                                                                          | N/A | REV:                     | N/A |
|                                         |  |                                                                                                                                                                                                     | DWG NO.                                                                                                                                                                                        |     | 87408                    |     |