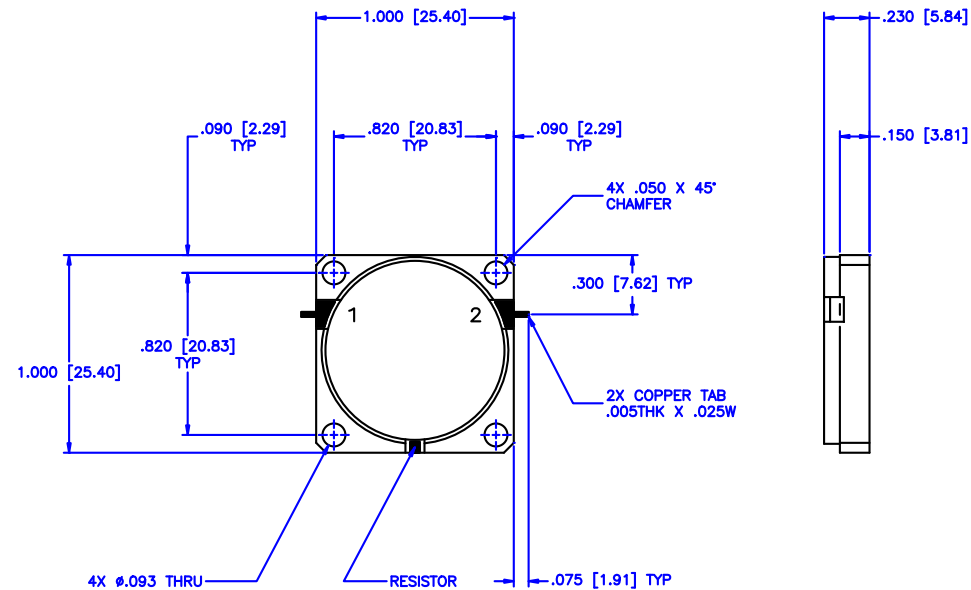


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### SPECIFICATIONS

Frequency Range: 1.6–2.0 GHz  
 Insertion Loss: 0.5dB Max.  
 Isolation: 20dB Min.  
 VSWR: 1.22:1 Max.  
 Impedance Nominal: 50 Ohms  
 Power Rating: 5 Watts  
 Operating Temperature: –45°C to +85°C  
 Storage Temperature: –55°C to +100°C

|                                                                                                                                                                     |                     |                                                                                                                                                              |  |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| MATERIAL:<br>                                                                  |                     | 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 |
|                                                                                                                                                                     |                     | SHEET:<br>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:<br>DROP-IN ISOLATOR                                                                                                                           |  |               |
|                                                                                                                                                                     |                     | PART NO.<br>DI–5                                                                                                                                             |  |               |
| DRAWN:<br>Paiboon Luekhamhan                                                                                                                                        | DATE:<br>01–05–2005 | CAGE CODE: OD2L5<br>SIZE: A<br>REV: N/A<br>DWG NO. 82129                                                                                                     |  |               |
| APPROVED:<br>T. Nguyen                                                                                                                                              | DATE:<br>01–05–2005 |                                                                                                                                                              |  |               |
| THIRD ANGLE PROJECTION<br>                                                     |                     | DO NOT SCALE THE DRAWING                                                                                                                                     |  |               |