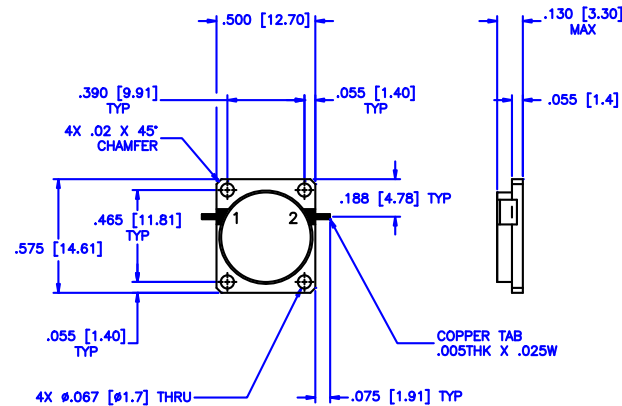
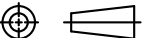


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



## SPECIFICATIONS

Frequency Range: 7.25–8.40 GHz  
Insertion Loss: 0.5dB Max.  
Isolation: 20dB Min.  
VSWR: 1.22:1 Max.  
Impedance Nominal: 50 Ohms  
Power Rating: 1 Watt  
Operating Temperature: –45°C to +85°C  
Storage Temperature: –55°C to +100°C

|                     |            |                                                                                                                                                                                                                                                    |       |        |         |
|---------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|---------|
| 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: $\pm 1/64$<br>DECIMALS: $\pm 0.1 \pm 0.05$<br>ANGLE: $\pm 1/2^\circ$                                                                                  |       | SHEET: | N/A     |
|                     |            | DRAWING TITLE:<br><br>DROP-IN ISOLATOR                                                                                                                                                                                                             |       |        |         |
|                     |            | PART NO.<br><br>DI-42                                                                                                                                                                                                                              |       |        |         |
| 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)                                                |       |        |         |
| Pai boon Luekhamhan | 01-05-2005 | THIRD ANGLE PROJECTION<br>                                                                                                                                    |       |        |         |
| APPROVED:           | DATE:      | CAGE CODE:                                                                                                                                                                                                                                         | SIZE: | REV:   | DWG NO. |
| T. Nguyen           | 01-05-2005 | OD2L5                                                                                                                                                                                                                                              | A     | N/A    | 82145   |
|                     |            | DO NOT SCALE THE DRAWING                                                                                                                                                                                                                           |       |        |         |