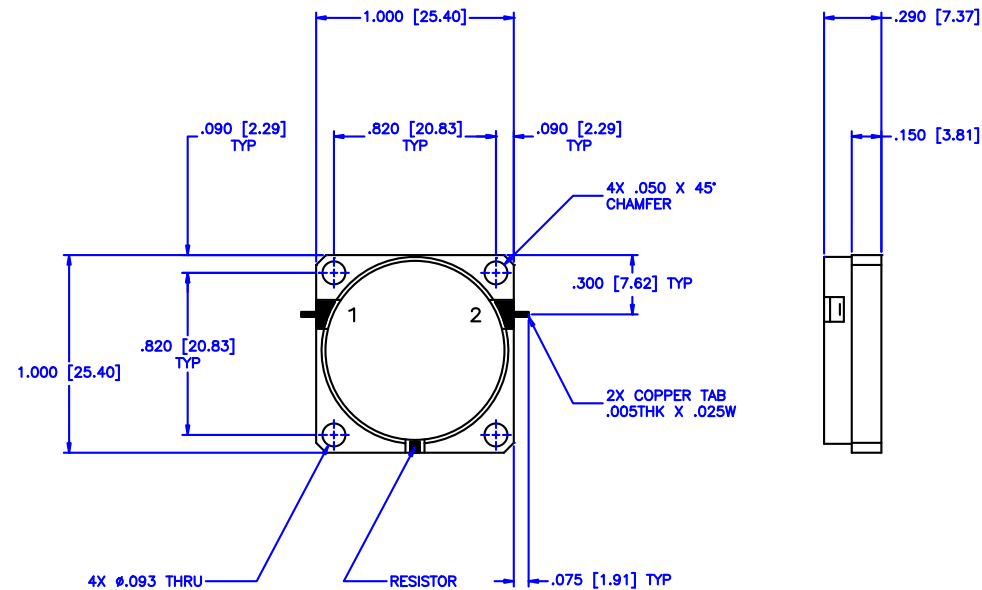


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



SPECIFICATIONS:

Frequency Range: 1.93–1.99 GHz

Insertion Loss: 0.2dB Max.

Isolation: –23dB Min.

VSWR: 1.20:1 Max.

Impedance Nominal: 50 Ohms

Power Rating: 5 Watts

Operating Temperature: –45°C to +85°C

Storage Temperature: –55°C to +100°C

|                                               |  |                                                                                                                                                                                                                                                    |  |                                                 |  |
|-----------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------|--|
| MATERIAL:                                     |  |  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                                      |  |
|                                               |  |                                                                                                                                                                                                                                                    |  | SHEET: N/A                                      |  |
| DRAWN: Paiboon Luekhamhan<br>DATE: 01-05-2005 |  | 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: $\pm 1/2^\circ$                                                                                  |  | DRAWING TITLE:<br><br>DROP-IN ISOLATOR          |  |
|                                               |  | PART NO.<br><br>DI-25                                                                                                                                                                                                                              |  |                                                 |  |
| APPROVED: T. Nguyen<br>DATE: 01-05-2005       |  | 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)                                                |  | CAGE CODE: OD2L5                                |  |
|                                               |  | THIRD ANGLE PROJECTION<br>                                                                                                                                    |  | SIZE: A<br>REV: N/A<br>DO NOT SCALE THE DRAWING |  |
|                                               |  |                                                                                                                                                                                                                                                    |  | DWG NO. 82623                                   |  |