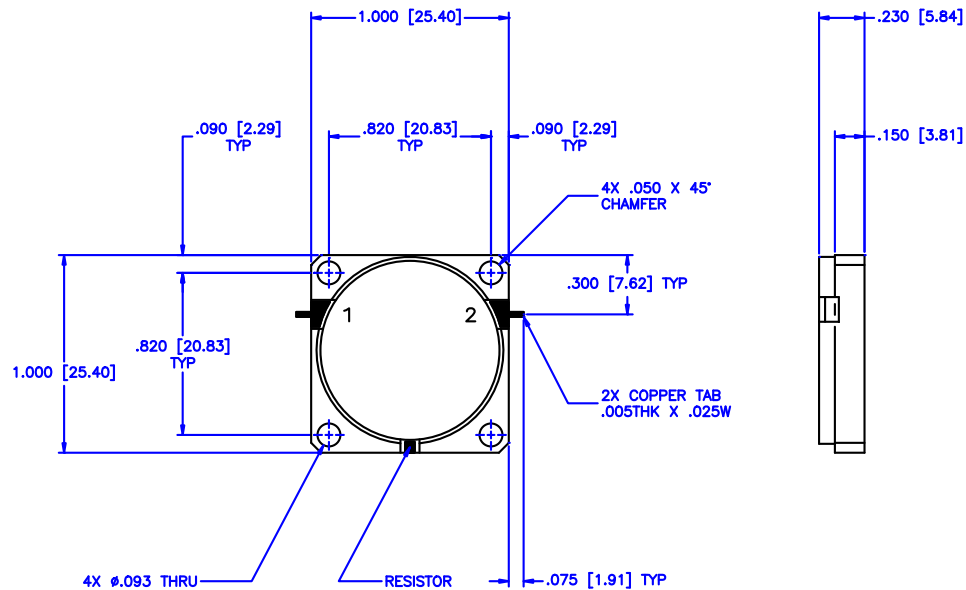
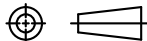


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### SPECIFICATIONS

Frequency Range: 1.685–1.865 GHz  
Insertion Loss: 0.5dB Max.  
Isolation: 20dB Min.  
VSWR: 1.22:1 Max.  
Impedance Nominal: 50 Ohms  
Power Rating: 5 Watts  
Operating Temperature: –20°C to +85°C  
Storage Temperature: –55°C to +100°C

|                                                                                              |  |                                                                                                                        |  |                                                                                                                                                                                                |  |                                           |  |
|----------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|
| <b>MATERIAL:</b><br><div style="border: 1px solid black; height: 100px; width: 100%;"></div> |  | <div style="border: 1px solid black; padding: 5px;"> <b>MCLI</b> </div>                                                |  | <b>MICROWAVE COMMUNICATIONS LABORATORIES INC.</b><br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br>http://WWW.MCLI.COM                            |  | <b>SCALE:</b><br>N/A                      |  |
|                                                                                              |  |                                                                                                                        |  | <b>UNLESS OTHERWISE SPECIFIED:</b><br><b>TOLERANCES</b><br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2°                                      |  | <b>DRAWING TITLE:</b><br>DROP-IN ISOLATOR |  |
| <b>DRAWN:</b><br>Paiboon Luekhamhan                                                          |  | <b>DATE:</b><br>01-05-2005                                                                                             |  | <b>PROPERTY NOTICE:</b><br>THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI) |  | <b>PART NO.:</b><br>DI-55                 |  |
| <b>APPROVED:</b><br>T. Nguyen                                                                |  | <b>DATE:</b><br>01-05-2005                                                                                             |  |                                                                                                                                                                                                |  | <b>CAGE CODE:</b><br>OD2L5                |  |
|                                                                                              |  | <b>THIRD ANGLE PROJECTION</b><br> |  | <b>SIZE:</b><br>A                                                                                                                                                                              |  | <b>REV:</b><br>N/A                        |  |
|                                                                                              |  |                                                                                                                        |  | <b>DO NOT SCALE THE DRAWING</b>                                                                                                                                                                |  | <b>DWG NO.:</b><br>81161                  |  |