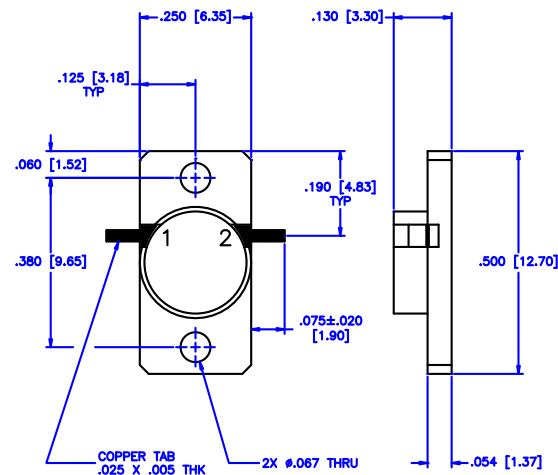


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### SPECIFICATIONS

Frequency Range: 14.0–14.5 GHz  
 Insertion Loss: 0.5dB Max.  
 Isolation: 20dB Min.  
 VSWR: 1.22:1 Max.  
 Impedance Nominal: 50 Ohms  
 Power Rating: 1 Watt  
 Operating Temperature: –20°C to +70°C  
 Storage Temperature: –55°C to +100°C

|                              |  |                        |  |                                                                                                                                                                     |  |                                    |  |
|------------------------------|--|------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------|--|
| MATERIAL:                    |  | <b>MCLI</b>            |  | 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: $\pm 0.01 \pm 0.005$<br>ANGLE: $\pm 1/2^\circ$ |  | DRAWING TITLE:<br>DROP-IN ISOLATOR |  |
| DRAWN:<br>Paiboon Luekhamhan |  | DATE:<br>01-05-2005    |  | PART NO.<br>DI-18                                                                                                                                                   |  | SHEET: N/A                         |  |
| APPROVED:<br>T. Nguyen       |  | DATE:<br>01-05-2005    |  |                                                                                                                                                                     |  | CAGE CODE: OD2L5                   |  |
|                              |  | THIRD ANGLE PROJECTION |  | SIZE: N/A                                                                                                                                                           |  | REV: N/A                           |  |
|                              |  |                        |  | DO NOT SCALE THE DRAWING                                                                                                                                            |  | DWG NO. 82411                      |  |