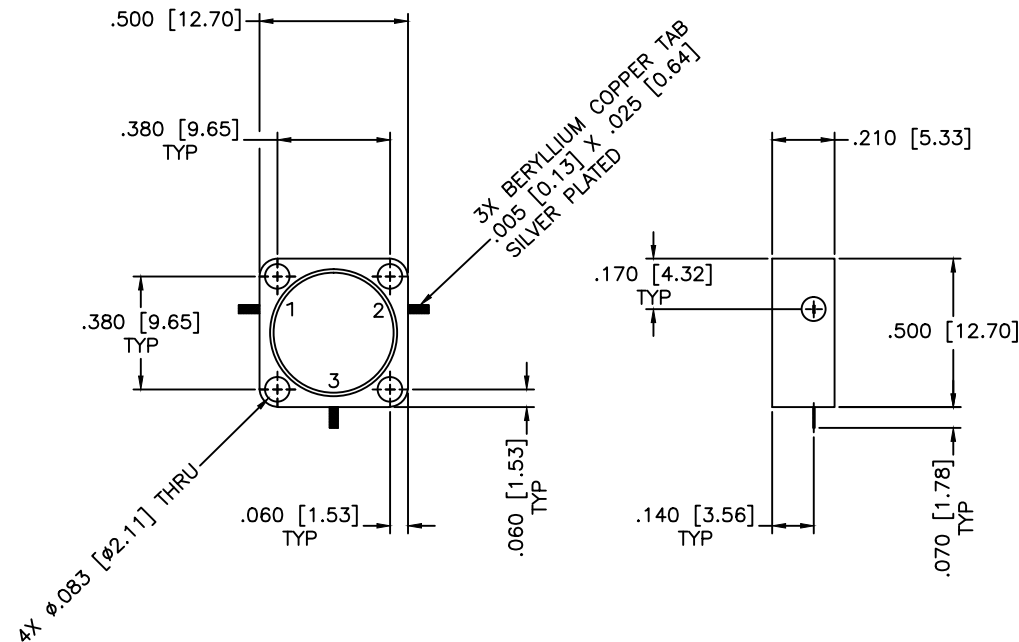


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |



#### SPECIFICATIONS

Frequency Range: 14.5–15.5 GHz  
 Isolation: 20dB Min.  
 Insertion loss: 0.5dB Max.  
 VSWR: 1.25:1 Max.  
 Operating Temperature: –40°C to +85°C  
 Power: 25W Avg. 200W Peak

|                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|
| 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><a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a> |  | SCALE: N/A |
| UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR (mm) (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm .01 \pm .005$<br>ANGLE: $\pm 1/2^\circ$ |  | DRAWING TITLE:<br><br>DROP-IN CIRCULATOR                                                                                                                                                                   |  | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan<br>DATE: 06-21-2010                                                                                                                     |  | PART NO.: MC-65                                                                                                                                                                                            |  |            |
| APPROVED: T. Nguyen<br>DATE: 06-21-2010                                                                                                                           |  | CAGE CODE: OD2L5<br>SIZE: N/A<br>REV: N/A<br>DWG. NO.: 84965                                                                                                                                               |  |            |
| THIRD ANGLE PROJECTION                                                                                                                                            |  | DO NOT SCALE THE DRAWING                                                                                                                                                                                   |  |            |